

# DOE Primary Privilege Log

Date: 02/28/2008

## Withdrawals, Corrections to DPP Privilege Log

Participant Accession No.	ALA.20040326.0618
LSN Accession Number	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.
Authors	Pflum, Chris G. / Science Applications International Corporation /
Recipients	Adams, Pamela/ BSC Repository Development - Event Cat & Rel Analyses/ Boak, J. M. / YMP / Christ, Janet B./ BSC Repository Development - Conversion/ Cloke, P.L.-SAIC Gertz, Carl / DOE - Yucca Mountain Site Characterization Project / Project Manager 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 Nesbit, Steven / TRW / M&O Contractor 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
Participant Accession No.	ALA.20040612.1334
LSN Accession Number	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.
Authors	Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy /
Recipients	Adams, Jerri / DOE / Bauer, Linda / DOE - OCRWM / Yucca Mountain Site Characterization Office, Deputy PM - Operations 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 / DOE - OCRWM / VanDerPuy, Mark / DOE - OCRWM Office of Repository Development / Safety Conscious Work Environment Manager Wade, Scott A. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Office of Facility Operation, Environment Safety & Health Division Acting Director Wells, Bob / / Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.
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 Recommendation to the issue of mean peak dose.

Deliberation Explanation	<b>The document provides a statement of proposed policy positions on the two topics and a summary of the reasons for the recommended positions.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20040615.0702</b>
LSN Accession Number	<b>DN2002470370</b>
Doc Date	<b>20020410</b>
Title	<b>HISTORY AND UPDATE ON POSTCLOSURE THERMAL CONDITIONS</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Systems Engineering &amp; Integration/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/ Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Iorii, Vance/ DOE/RW/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/ Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Mellington [Riddle - maiden], Suzanne P./ DOE - OCRWM Office of Business Support and Resource Management/ Pendleton, Martha W./ BSC Repository Development - Conversion/ Spence, Dick/ DOE/RW/ Ziegler, Joseph/ DOE-OCRWM/Licensing Director/</b>
Author Recipient Relationship	<b>The author is an OCRWM official. The recipients are OCRWM officials or DOE M&amp;O contractor personnel with responsibility over this subject matter area.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The information contained in this presentation conveys DOE's then-current position on postclosure thermal conditions.</b>
Deliberation Explanation	<b>The information presented contains a discussion and analysis of this subject matter with DOE's proposed path forward on this licensing issue.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA MEETING AID</b>
Participant Accession No.	<b>ALA.20040617.4075</b>
LSN Accession Number	<b>DN2002329452</b>
Doc Date	<b>20000621</b>
Title	<b>UZ/SZ PORB Paper</b>
Subject Matter Description	<b>This document contains an email discussion about a position paper on the unsaturated and saturated zones.</b>
Authors	<b>Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist</b>
Recipients	<b>Brocoum, Stephan J/ DOE - OCRWM Office of Repository Development/ Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Howard, Robert L./ BSC Repository Development - Licensing &amp; Engineering/ Linden, Ronald/ MTS - Performance Assessment/Science/ Mukhopadhyay, Bimal/ MTS - Performance Assessment/Science/ Murray, Robert/ MTS - Licensing/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Patterson, Russ/OCRWM Pendleton, Martha W./ BSC Repository Development - Licensing &amp; Compliance/ Williams, Dennis/ DOE - OCRWM/ Yunker, Jean L./ BSC Repository Development - Licensing Defense/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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</b>

	<b>proposed by the M&amp;O contractor.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20040621.4894</b>
LSN Accession Number	<b>DN2002334958</b>
Doc Date	<b>20040311</b>
Title	<b>lr_sar_1451jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.5 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040621.4895</b>
LSN Accession Number	<b>DN2002330512</b>
Doc Date	<b>20040311</b>
Title	<b>lr_sar_1452jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.5.2 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040621.4896</b>
LSN Accession Number	<b>DN2002337488</b>
Doc Date	<b>20040311</b>
Title	<b>lr_sar_1453jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.5.3 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>

Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040621.4897</b>
LSN Accession Number	<b>DN2002332376</b>
Doc Date	<b>20040312</b>
Title	<b>lr_sar_1454jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.5.4 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040621.4899</b>
LSN Accession Number	<b>DN2002332157</b>
Doc Date	<b>20040312</b>
Title	<b>lr_sar_1461jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.6 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040621.4900</b>
LSN Accession Number	<b>DN2002336210</b>
Doc Date	<b>20040312</b>
Title	<b>lr_sar_1462jbmcomments</b>
Subject Matter Description	<b>The document concerns draft section 1.4.6.2 of the draft LA, which addresses Repository Safety Before Permanent Closure</b>

Authors	<b>McIlvaine, Jim / BSC Repository Development - License Application /</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Self, Jerry G. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>REPORT</b>
Participant Accession No.	<b>ALA.20040621.7014</b>
LSN Accession Number	<b>DN2002329737</b>
Doc Date	<b>20040302</b>
Title	<b>LA section 1.4.4 Safeguards and Security-combined comments</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report Chapter 1: Repository Safety Before Permanent Closure Sec. 1.4.4 Comments</b>
Authors	<b>Spang, Robert / BSC Repository Development /</b>
Recipients	<b>Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALA.20040621.7276</b>
LSN Accession Number	<b>DN2002335064</b>
Doc Date	<b>20040325</b>
Title	<b>lr_sar_136_tables_MJL</b>
Subject Matter Description	<b>The subject matter is certain tables draft Chapter 1: Repository Safety Before Permanent Closure and Quality comments from the LAD Production Team.</b>
Authors	<b>Lad Production Team</b> <b>McIlvaine, Jim / BSC Repository Development /</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Carl Jr., William F. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b> <b>Darling, David B. / BSC Repository Development - Engineering Production / BSC Project Engineer</b> <b>Gonzales, Lou / BSC Repository Development - Facilities Design / Testing Lead</b> <b>Honaker, Raymond</b> <b>Jessen, James P. / BSC Repository Development - Engineering Production / BSC Senior Engineer</b> <b>Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b> <b>Kutzer, John F./ BSC Repository Development - LA Completion/</b> <b>Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b> <b>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R.</b>



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Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20040817.0274</b>
LSN Accession Number	<b>DN2002332494</b>
Doc Date	<b>20000216</b>
Title	<b>PORB POSITION PAPER</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Brocoum, Stephan J / DOE - OCRWM Office of Licensing &amp; Regulatory Compliance / DOE Director</b>
Recipients	<b>PORB Members</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document provides the author's recommended positions on the six identified subject matters.</b>
Deliberation Explanation	<b>The document provides, variously, for the six areas either a recommended policy position or regulatory analysis to support adoption of a position.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>FORM REPORT</b>
Participant Accession No.	<b>ALA.20040817.1841</b>
LSN Accession Number	<b>DN2002334371</b>
Doc Date	<b>20040223</b>
Title	<b>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)</b>
Subject Matter Description	<b>The subject matter is the license application and associated licensing strategy.</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The DP Decision information includes an identification of issues identified with DOE's licensing positions and suggestions, in some instances, for addressing those issues.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>REPORT</b>
Other Privilege Types	<b>LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20040824.3706</b>
LSN Accession Number	<b>DN2002329978</b>
Doc Date	<b>20040504</b>
Title	<b>lr_sar_133</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Suarez, Diego/ BSC Repository Development - Conversion/</b>
Recipients	<b>Dearmin, Jennifer A. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II Gonzales, Lou / BSC Repository Development - Facilities Design / Testing Lead Lloyd, Janette/BSC Obrad, Vicky /BSC</b>

Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20040824.3988</b>
LSN Accession Number	<b>DN2002336746</b>
Doc Date	<b>20040604</b>
Title	<b>Comments SAR Section 5</b>
Subject Matter Description	<b>The subject matter of the document is General Information, Section 5, and comments on same made by DOE OGC and outside counsel.</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Oney, Thomas / Hunton &amp; Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney</b>
Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</b>
Author Recipient Relationship	<b>Authors are DOE OGC attorneys and DOE outside counsel, and recipient is DOE employee, and both are responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, advice, and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LEGAL DOCUMENT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040824.3989</b>
LSN Accession Number	<b>DN2002330918</b>
Doc Date	<b>20040604</b>
Title	<b>Comments GI Section 5</b>
Subject Matter Description	<b>The subject matter is draft license application, section 5, General Information.</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Oney, Thomas / Hunton &amp; Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney</b>
Recipients	<b>Ang, Marybelle C. / DOE - Office of General Counsel (OGC)/ Attorney Edwards, W J. / Hunton &amp; Williams, LLP/ Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP/ Attorney Irwin, Donald / Hunton &amp; Williams, LLP/ Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Rinaca, James / Hunton &amp; Williams, LLP/ Attorney</b>
Author Recipient Relationship	<b>Authors and recipients are licensing counsel and a DOE employee responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>

Deliberation Explanation	<b>The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LEGAL DOCUMENT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040824.6129</b>
LSN Accession Number	<b>DN2002335521</b>
Doc Date	<b>20040610</b>
Title	<b>Comments SAR Section 2.3.4doc</b>
Subject Matter Description	<b>Memorandum with attorney comments on draft SAR Section 2.3.4</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Jo Ann Biggs / Hunton &amp; Williams / Attorney</b>
Recipients	<b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2275</b>
LSN Accession Number	<b>DN2002333742</b>
Doc Date	<b>20040614</b>
Title	<b>YM-3777-v2-MEMO SAR Pefromance Confirmation Comments</b>
Subject Matter Description	<b>The document concerns the draft chapter 4 of the draft LA, which addresses a potential performance confirmation plan for the YM repository.</b>
Authors	<b>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney</b>
Recipients	<b>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 &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>



Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2773</b>
LSN Accession Number	<b>DN2002481371</b>
Doc Date	<b>20040616</b>
Title	<b>Bradbury comments SAR Section 1.6</b>
Subject Matter Description	<b>Bradbury comments SAR Section 1.6 which concerns Identification of Hazards and Initiating Events</b>
Authors	<b>Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory) / DOE contractor</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft SAR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2774</b>
LSN Accession Number	<b>DN2002481377</b>
Doc Date	<b>20040616</b>
Title	<b>J Johns Comments (Section 1.6)</b>
Subject Matter Description	<b>Jeff Johns Comments on LA Section 1.6 - Identification of Hazards and Initiating Events</b>
Authors	<b>Johns, Jeff / MTS / DOE contractor</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft SAR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2776</b>
LSN Accession Number	<b>DN2002481375</b>
Doc Date	<b>20040614</b>
Title	<b>Nutt Review Comments (Section 1.6)</b>
Subject Matter Description	<b>Review Comments Draft SAR Section 1.6 Identification of Hazards and Initiating Events, W. Mark Nutt</b>
Authors	<b>Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead / DOE contractor</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft SAR sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT</b>

	<b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2777</b>
LSN Accession Number	<b>DN2002481370</b>
Doc Date	<b>20040615</b>
Title	<b>Osborne Chapter 1.6 Hazards Comments</b>
Subject Matter Description	<b>The document concerns section 1.6 of the draft LA, which concerns identification of hazards and initiating events.</b>
Authors	<b>Osborne, James / DOE - OCRWM Office of Facility Operations / Site Operations Team member</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2894</b>
LSN Accession Number	<b>DN2002329861</b>
Doc Date	<b>20040514</b>
Title	<b>Rev 3 Review - Attorney Client Privileged</b>
Subject Matter Description	<b>The document concerns the draft performance confirmation plan for the YN repository.</b>
Authors	<b>Hunton &amp; Williams LLP</b>
Recipients	<b>Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ DOE Office of General Counsel Henning, Roger J. / BSC Repository Development - Natural Systems / BSC Principal Scientist II Weaver, Douglas / BSC / SNL subcontractor</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what strategy DOE should adopt toward development of a performance confirmation plan in the LA, with respect to the state of its development and specify in the LA.</b>
Deliberation Explanation	<b>The document provides DOE counsel's advice and recommendations on regulatory requirements and what licensing positions DOE should adopt on the topic.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT FORM LEGAL DOCUMENT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040902.0069</b>
LSN Accession Number	<b>DN2002337290</b>
Doc Date	<b>20040609</b>
Title	<b>LSN DOCUMENTS COVER SHEET POTENTIALLY RELEVANT DOCUMENTS</b>
Subject Matter Description	<b>The document concerns DOE's licensing position on the concentration of groundwater pollutants by irrigation.</b>
Authors	<b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy / Lead</b>
Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Gil, April V. / DOE - OCRWM Office of Repository Development / Smistad, Eric / DOE / OCRWM Official Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy /</b>

**Ziegler, Joseph/DOE OCRWM/Licensing Director**

Author Recipient Relationship	<b>The author is a DOE M&amp;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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what licensing position DOE should adopt, under the YM regulations, with respect to recycling of groundwater for purposes of establishing compliance with safety standards.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>MEETING AID REPORT</b>

Participant Accession No.	<b>ALA.20040903.2222</b>
LSN Accession Number	<b>DN2002329266</b>
Doc Date	<b>20040602</b>
Title	<b>la_sar_13_redline</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report - Chapter 1: Repository Safety Before Permanent Closure</b>
Authors	<b>Lydic, Margaret J./ BSC Repository Development /</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Obrad, Vicky / BSC / Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

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

	<b>information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20041227.1659</b>
LSN Accession Number	<b>DN2002333621</b>
Doc Date	<b>20040730</b>
Title	<b>Attorney Client Privileged - seismic scenario</b>
Subject Matter Description	<b>The document concerns the potential treatment of seismic scenarios for the license application.</b>
Authors	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b>
Recipients	<b>Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Chu, Margaret / DOE - OCRWM / DOE Director DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Dyer, J. Russell / DOE - OCRWM Office of Repository Development / OCRWM official Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist Williams, Jeffrey R. / DOE - OCRWM / OCRWM official Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>The author is a DOE OCRWM official. The recipients are DOE OGC counsel, the director and deputy director of OCRWM, and other YMP personnel who work with the author on the subject of the referenced communication.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what seismic scenario to adopt in connection with the license application.</b>
Deliberation Explanation	<b>The document provides the author's presentation of various options and his personal recommendation of which option DOE should select.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document does not contain any factual discussion. It presents options and subjective views about the options, all of which is part of the deliberative discussion. The document does have an attachment with factual information that has been made available.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20041227.7275</b>
LSN Accession Number	<b>DN2002333077</b>
Doc Date	<b>20040810</b>
Title	<b>SAR Section 1.4.2 Post Chapter Review Draft Tables</b>
Subject Matter Description	<b>The document concerns the proposed discussion of the location of meteorological towers and associated instruments.</b>
Authors	<b>Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Recipients	<b>Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>The document proposes form and content for the referenced section of the draft LA.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20041227.7370</b>
LSN Accession Number	<b>DN2002331564</b>

Doc Date	<b>20040729</b>
Title	<b>LA SAR Comment Review and Consolidation Meeting of 7-29-04</b>
Subject Matter Description	<b>LA SAR Comment Review and Consolidation Meeting of 7-29-04</b>
Authors	<b>Gonzalez, Jaime/ BSC /</b>
Recipients	<b>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman Engineering Division Director</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft SAR section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST MEETING AID</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20041227.7512</b>
LSN Accession Number	<b>DN2002333573</b>
Doc Date	<b>20040818</b>
Title	<b>cr_sar_123_tables_81704BS</b>
Subject Matter Description	<b>The subject matter is tables in draft SAR section 1.2.3 and comments on those tables.</b>
Authors	<b>Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/</b>
Recipients	<b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Kutzer, John F./ BSC Repository Development - LA Completion/ Theiren, Maria / BSC Repository Development/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken in the tables in draft SAR section 1.2.3 and their form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed content and form of tables in draft SAR section 1.2.3.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Participant Accession No.	<b>ALA.20050217.0008</b>
LSN Accession Number	<b>DN2002333900</b>
Doc Date	<b>20040603</b>
Title	<b>PRIVMemo040603.doc</b>
Subject Matter Description	<b>The document concerns the treatment of failure modes in the "Analysis of Mechanisms for Early Waste Package/Drip Shield Failure."</b>
Authors	<b>Hanauer, Stephen H. / Bechtel SAIC /</b>
Author Recipient Relationship	<b>The author is an DOE M&amp;O contractor personnel tasked by DOE to perform the requested analysis.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>



Disclosure of this discussion would reveal the author's opinions and deliberative opinions on those matters.

Doc Type	<b>EFILE LIST REPORT</b>
Participant Accession No.	<b>ALA.20050222.1380</b>
LSN Accession Number	<b>DN2002330490</b>
Doc Date	<b>20020917</b>
Title	<b>Comments on Licensing Position on Waste Stream Parameters</b>
Subject Matter Description	<b>The document concerns a draft Licensing Position on Waste Stream Parameters, such as rate and order of receipt of waste at the YM repository.</b>
Authors	<b>Haas, Martin / BSC / Su, Steven / BSC / OCRWM contractor /</b>
Recipients	<b>Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Engineer I</b>
Author Recipient Relationship	<b>The authors and recipients are DOE M&amp;O contractor personnel working on development of the referenced white paper for DOE's decision.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what position DOE should adopt for the licensing proceeding regarding what wastes will arrive at the YM repository and when.</b>
Deliberation Explanation	<b>The document provides the authors' subjective opinions on the draft position paper and makes recommendations regarding its content.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20050317.4712</b>
LSN Accession Number	<b>DN2002470511</b>
Doc Date	<b>19990203</b>
Title	<b>Re: YDAR No. 20372/White Papers Re: Defense in Depth</b>
Subject Matter Description	<b>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&amp;O. The subject white papers relate to postclosure repository design bases and the viability assessment reference system.</b>
Authors	<b>Brocoum, Stephan J / DOE - OCRWM Office of Licensing &amp; Regulatory Compliance / DOE Acting Director Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Andrews, Robert W./ BSC Repository Development - Conversion/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/ Dockery, Holly / YMP Personnel Dove, Harvey/ BSC Repository Development - Science &amp; Analysis/ Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/ Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy / Weber, Ellyn / Innovations / OCRWM contractor Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/</b>
Author Recipient Relationship	<b>The authors are officials within OCRWM, and the recipients are other officials within OCRWM as well as DOE's M&amp;O contractor personnel.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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).</b>
Deliberation Explanation	<b>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&amp;O contractor.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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</b>

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 Number	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.
Authors	Arnold, William/BSC/Sandia sub
Recipients	Yunker, 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
Participant Accession No.	ALA.20050323.2826
LSN Accession Number	DN2002332693
Doc Date	20040607
Title	Atty Comments SAR 5.9
Subject Matter Description	The document concerns the draft section 5.9 of the draft LA, which addresses use of the GROA for purposes other than disposal of radioactive waste.
Authors	Edwards, W. Jeffrey / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney
Recipients	Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Ralphs, Philip / DOE - CRWMS / Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead / OCRWM contractor
Author Recipient Relationship	Authors are attorneys with DOE OGC and DOE outside licensing counsel and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections
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.20050323.4013
LSN Accession Number	DN2002337966
Doc Date	20040719
Title	YM-4071-v2-Comments on 2.3.5 and 2.3.6 7 6 04 Version
Subject Matter Description	DOE licensing counsel comments on Chapter's 2.3.5 and 2.3.6 of the draft LA

Authors	<b>Holloway, John / Hunton &amp; Williams, LLP / Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</b> <b>Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050331.4697</b>
LSN Accession Number	<b>DN2002336557</b>
Doc Date	<b>20040804</b>
Title	<b>Comments on SAR Section 1.6 Part 1 of 2</b>
Subject Matter Description	<b>The document concerns the SAR section that concerns identification of hazards and initiating events.</b>
Authors	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b> <b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney</b> <b>Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The attorneys are providing their advice and recommendations on the proposed licensing positions in, and the form and content of, this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050331.4699</b>
LSN Accession Number	<b>DN2002337583</b>
Doc Date	<b>20040804</b>
Title	<b>Comments on SAR Section 1.7</b>
Subject Matter Description	<b>The document concerns the methodology for identifying, quantifying, and categorizing the internal and external hazards and initiating events.</b>
Authors	<b>Beasley, Amanda / Hunton &amp; Williams, LLP / Attorney</b> <b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney</b> <b>Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The attorneys are providing their advice and recommendations on the proposed licensing positions in, and the form and content, of this draft LA section.</b>

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>CORRESPONDENCE DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050331.4759</b>
LSN Accession Number	<b>DN2002333435</b>
Doc Date	<b>20040831</b>
Title	<b>DOC</b>
Subject Matter Description	<b>The document concerns the Yucca Mountain Repository Safety Analysis Report (Chapter 1: Repository Safety Before Permanent Closure)</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Oney, Thomas / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>Authors and recipients are DOE attorneys and employees responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DRAWING EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050331.6982</b>
LSN Accession Number	<b>DN2002334788</b>
Doc Date	<b>20041007</b>
Title	<b>Your e-mail re Aging System:</b>
Subject Matter Description	<b>The subject matter of the email is comments and action items relative to draft LA section 1.2.6 (aging system).</b>
Authors	<b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050331.6983</b>

LSN Accession Number	DN2002331653
Doc Date	20041006
Title	e-mail from Jeff Williams
Subject Matter Description	The subject matter of the email is draft SAR Section 1.2.6 (aging system) and the comments of various email authors in the email chain.
Authors	Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Siddoway, Dean / DOE Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/
Recipients	Bailey, Jack N./ BSC/ Biggs, Jo Ann / Hunton & Williams, LLP / Attorney Boyle, William J/ DOE - OCRWM Office of Repository Development/ Brook, Robert / DOE Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Kane, Daniel W./ DOE - OCRWM Office of License Application & Strategy/ Morgan, Robert G./ BSC Repository Development - Chief Science Officer/ Siddoway, Dean / DOE Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director Williams, Nancy H./ BSC Repository Development - Licensing & Engineering/ Ziegler, Joseph/ DOE-OCRWM/Licensing Director/
Author Recipient Relationship	The authors and recipients are DOE employees and contractors, including attorneys from the DOE OGC and OGC's outside counsel, responsible for the subject draft SAR sections.
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. EMAIL-ATT
Doc Type	E-MAIL W/ ATTACHMENT
Other Privilege Types	ACP-attorney to client; ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION) LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION);
Participant Accession No.	ALA.20050331.8973
LSN Accession Number	DN2002470702
Doc Date	20040901
Title	KEB
Subject Matter Description	This document is a draft of SAR section 1 that contains counsel's comments and recommended changes.
Authors	Beard, Kristina / Hunton & Williams, LLP / Attorney
Recipients	Yucca Mountain Project Personnel with responsibility over the development of this SAR Section
Author Recipient Relationship	Outside licensing counsel is providing her comments and legal advice to YMP project personnel who have responsibility over this draft SAR section.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Counsel is providing and commenting on licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	Outside licensing counsel 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	This document cannot be redacted because any factual information 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.20050418.6118
LSN Accession Number	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.
Authors	Peters, Mark/ BSC Repository Development - Engineered System/
Recipients	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 Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager
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
Participant Accession No.	ALA.20050421.2833
LSN Accession Number	DN2002335412
Doc Date	20050126
Title	GI-3 Draft B
Subject Matter Description	The draft LA section (General Information) proposes for DOE's consideration a potential physical protection plan that could be implemented in connection with the YM repository, to meet the requirements of 10 CFR 63.21(b)(3)
Authors	Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/
Recipients	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Crosland, Martha / DOE OGC/ attorney Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / DOE Security Specialist Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Garrett, D. / Hunton & Williams, LLP / Assistant to Attorney Robert Fillmore Irwin, Donald / Hunton & Williams, LLP / Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Mecham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Analyst/Modeler Oney, Thomas / Hunton & Williams, LLP / Attorney Powell, David/BSC Ruffin, Steve R. / BSC Repository Development - Systems Engineering & Integration / Feasibility and Support Trubatch, Sheldon/BSC/Attorney
Author Recipient Relationship	Authors and recipients are DOE employees and contractors and attorneys from DOE's OGC and outside counsel responsible for the subject draft LA section.
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.	<b>ALA.20050421.2834</b>
LSN Accession Number	<b>DN2002333153</b>
Doc Date	<b>20050126</b>
Title	<b>GI-4 Draft B</b>
Subject Matter Description	<b>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).</b>
Authors	<b>Hammermeister, Heather L./ BSC Repository Development - Document Development &amp; Production/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Crosland, Martha / DOE OGC/attorney Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / DOE Security Specialist Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Garrett, D. / Hunton &amp; Williams, LLP / Assistant to Attorney Robert Fillmore Irwin, Donald / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Meacham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler Oney, Thomas / Hunton &amp; Williams, LLP / Attorney Powell, David / BSC Ruffin, Steve R. / BSC Repository Development - Systems Engineering &amp; Integration / Feasibility and Support Trubatch, Sheldon/BSC/Attorney</b>
Author Recipient Relationship	<b>The author is an OCRWM M&amp;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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20050513.0308</b>
LSN Accession Number	<b>DN2002336414</b>
Doc Date	<b>20041105</b>
Title	<b>Master Legal Comments 1.8</b>
Subject Matter Description	<b>The document is a copy of section 1.8 of the draft LA, which concerns consequence analysis, with attorney comments written on them.</b>
Authors	<b>Frasier, Amanda/Hunton &amp; Williams LLP/attorney</b>
Recipients	<b>Biggs, Jo Ann/ Hunton &amp; Williams, LLP/attorney Bradbury, Robert/ MTS - Licensing/ Brook, Robert/BSC Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Price, Joe C./ DOE - OCRWM Office of License Application &amp; Strategy/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Wisenburg, Mark R./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The document was</b>

	<b>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&amp;O contractor personnel responsible for the referenced draft document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>proposed licensing positions in and form and content of this draft section</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST MAP REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050523.0951</b>
LSN Accession Number	<b>DN2002335143</b>
Doc Date	<b>20041105</b>
Title	<b>barrierHQDraftSAR2[1][1].1consolidatedlegal</b>
Subject Matter Description	<b>The document concerns draft section 2.1 of the draft LA, which concerns the discussion of barriers.</b>
Authors	<b>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney Fillmore, Robert M./ Hunton &amp; Williams, LLP/attorney Oney, Thomas/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050523.1231</b>
LSN Accession Number	<b>DN2002333828</b>
Doc Date	<b>20041105</b>
Title	<b>HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3</b>
Subject Matter Description	<b>DOE OGC/Hunton &amp; Williams - Global Issues re HQ Draft of SAR Section 2.3.4</b>
Authors	<b>DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Fillmore, Robert M./ Hunton &amp; Williams, LLP/ Attorney</b>
Author Recipient Relationship	<b>Authors and recipients are DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the</b>

	<b>privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050523.1259</b>
LSN Accession Number	<b>DN2002333129</b>
Doc Date	<b>20050401</b>
Title	<b>Env. Permitting Report</b>
Subject Matter Description	<b>Draft Preliminary Report / Assessment of Environmental Permitting Strategy for Yucca Mountain Project</b>
Authors	<b>Kratsas, Robert G. / BSC Repository Development - Operations / Bechtel National Inc ES&amp;H Services Manager</b>
Recipients	<b>Gonzalez, Carmella L. / BSC Repository Development - Management Administrative Support / BSC Administrative Assistant I Trubatch, Sheldon/BSC/Attorney</b>
Author Recipient Relationship	<b>The author and recipients are with DOE's M&amp;O contractor for the Yucca Mountain Project. A recipient is also an attorney with DOE's M&amp;O contractor for the Yucca Mountain Project.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>DOE positions to be taken related to its environmental permitting strategy.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions related to DOE's environmental permitting strategy.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20050523.1826</b>
LSN Accession Number	<b>DN2002333915</b>
Doc Date	<b>20050311</b>
Title	<b>2.3.6 Comments from March 2005</b>
Subject Matter Description	<b>The subject matter is section 2.3.6 of the draft license application.</b>
Authors	<b>Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Recipients	<b>Howard, Robert L. / BSC Repository Development / BSC Project Manager Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</b>
Author Recipient Relationship	<b>Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The licensing attorney author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050523.2282</b>
LSN Accession Number	<b>DN2002332989</b>

Doc Date	<b>20041105</b>
Title	<b>1.3.1 ConsolLegal</b>
Subject Matter Description	<b>Consolidated legal comments on draft SAR § 1.3.1</b>
Authors	<b>DOE OGC Attorneys and Hunton and Williams Attorneys</b>
Recipients	<b>DOE OGC Attorneys and Hunton and Williams Attorneys</b>
Author Recipient Relationship	<b>Authors and recipients are DOE outside counsel and DOE OGC attorneys responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST MAP REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050523.3430</b>
LSN Accession Number	<b>DN2002336403</b>
Doc Date	<b>20041105</b>
Title	<b>LA Section 1.5.1 (low resolution)</b>
Subject Matter Description	<b>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 analyses.</b>
Authors	<b>Brock, Robert T./ BSC Repository Development/</b>
Recipients	<b>Clark, Steven / BSC Richmond, Nicole / BSC / M&amp;O Contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST PHOTOGRAPH REPORT</b>
Participant Accession No.	<b>ALA.20050523.4449</b>
LSN Accession Number	<b>DN2002333809</b>
Doc Date	<b>20041105</b>
Title	<b>HQ Draft SAR 2.1 consolidated legal</b>
Subject Matter Description	<b>The document concerns the draft section 2.1 of the draft LA, which addresses barriers important to waste isolation.</b>
Authors	<b>Reynolds, Myles/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>The author and recipients are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca</b>



	<b>Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LEGAL DOCUMENT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050523.6829</b>
LSN Accession Number	<b>DN2002333591</b>
Doc Date	<b>20041105</b>
Title	<b>HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3</b>
Subject Matter Description	<b>DOE OGC/Hunton &amp; Williams - Global Issues re Draft HQ Draft of SAR Section 2.3.4</b>
Authors	<b>DOE OGC attorneys and outside counsel responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050527.2494</b>
LSN Accession Number	<b>DN2002331131</b>
Doc Date	<b>20041105</b>
Title	<b>HQ Draft SAR 2.3.4 Consolidated Legal - 1 of 3</b>
Subject Matter Description	<b>The document concerns the draft section 2.3.4 of the draft LA.</b>
Authors	<b>Reynolds, Myles/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Board, Mark P. / BSC Repository Development - Engineering Systems &amp; Disruptive Events Operations / ITASCA Consulting Group, Inc. Scientist Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Gross, Mike /BSC Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member Yunker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>

DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050527.4361</b>
LSN Accession Number	<b>DN2002337012</b>
Doc Date	<b>20041105</b>
Title	<b>Master Legal Comments 1.2.5</b>
Subject Matter Description	<b>The document concerns draft section 1.2.5 of the draft LA, which concerns the proposed canister handling facility for the YM repository.</b>
Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Cochrane, Colin/BSC Frazier, Amanda / Hunton &amp; Williams, LLP / Attorney Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Sequeira, Gary / MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis / Booz Allen Hamilton (BAH) Systems Engineer</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20050527.6004</b>
LSN Accession Number	<b>DN2002332710</b>
Doc Date	<b>20041105</b>
Title	<b>DOE</b>
Subject Matter Description	<b>The subject matter is section 4 of the draft license application covering the performance confirmation plan.</b>
Authors	<b>Noonan, Edward P./Hunton &amp; Williams/ Attorney</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Systems Engineering &amp; Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract / OCRWM Contractor Weaver, Douglas / SNL / BSC Subcontractor</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.</b>

Deliberation Explanation	<b>The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050527.6252</b>
LSN Accession Number	<b>DN2002335188</b>
Doc Date	<b>20050329</b>
Title	<b>YM-4993-v1-SAR Section 2.4 core team global comments</b>
Subject Matter Description	<b>DOE OGC/Hunton &amp; Williams - Global Issues re HQ Draft of SAR Section 2.4 (Rev. A)</b>
Authors	<b>DOE OGC attorneys and DOE outside counsel responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC)/ Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LEGAL DOCUMENT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050527.7090</b>
LSN Accession Number	<b>DN2002330524</b>
Doc Date	<b>20050518</b>
Title	<b>YM-4989-v3-MEMO Rev. B Review Notes</b>
Subject Matter Description	<b>The subject matter is draft license application section 4: Performance Confirmation.</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Noonan, Edward / Hunton &amp; Williams / Attorney</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Systems Engineering &amp; Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract / OCRWM Contractor Weaver, Douglas / SNL / BSC Subcontractor</b>
Author Recipient Relationship	<b>Authors and recipients are licensing counsel and DOE employees or contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section (Performance Confirmation) and its form and content.</b>
Deliberation Explanation	<b>The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b>

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

Participant Accession No.	<b>ALA.20050527.9670</b>
LSN Accession Number	<b>DN2002334533</b>
Doc Date	<b>20041105</b>
Title	<b>HW Cmts 2.3.1 Part 2 of 2</b>
Subject Matter Description	<b>The subject matter is draft license application section 2.3.1.6: Climate Analysis, Infiltration Modeling, and Uncertainty.</b>
Authors	<b>Hunton &amp; Williams licensing attorneys</b>
Recipients	<b>Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>Authors and recipients are licensing attorneys and DOE attorneys responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA</b> <b>DRAWING</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>MAP</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALA.20050608.0236</b>
LSN Accession Number	<b>DN2002332369</b>
Doc Date	<b>20041003</b>
Title	<b>LEGAL TEAM COMMENTS ON GENERAL INFORMATION, SECTION 1</b>
Subject Matter Description	<b>The subject matter of the document is the legal team's comments on the General Information, Section 1 of the draft LA.</b> <b>DOE OGC's outside attorneys with Hunton &amp; Williams LLP</b>
Authors	<b>DOE OGC attorneys</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>The document contains no factual sections. Rather it reflects in its entirety the recommendations, opinions, and legal advice of the authors.</b>
Doc Type	<b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALA.20050708.0067</b>
LSN Accession Number	<b>DN2002329318</b>
Doc Date	<b>20050512</b>
Title	<b>FW: ATTORNEY-CLIENT PRIVILEGED: SAR Section 1.14 Insert</b>
Subject Matter Description	<b>The subject matter of this email chain draft license application section 1.14.</b>
Authors	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Hunton &amp; Williams licensing attorney or attorneys</b> <b>Thomas, Daniel A./ BSC Repository Development - Conversion/</b>
Recipients	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/</b> <b>Brock, Robert T./ BSC Repository Development/</b>

**Cereghino, Stephen J./ BSC Repository Development - Conversion/  
Franklin, David / Navy Reactors /  
Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/  
Hutchins, William/ BSC Repository Development - License Application/  
Irwin, Donald/ Hunton & Williams, LLP/ Attorney  
Richardson, Dennis C./ BSC Repository Development - Conversion/  
Rinaca, James/ Hunton & Williams, LLP/ Attorney  
Wisenburg, Mark R./ BSC Repository Development - Conversion/**

Author Recipient Relationship	<b>Authors and recipients are licensing attorneys and DOE employees or contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client;  ACP-client to attorney;  LWP-other (FACT);  LWP-other (OPINION)  LWP-prepared by attorney (FACT);  LWP-prepared by attorney (OPINION);</b>

Participant Accession No.	<b>ALA.20050721.1665</b>
LSN Accession Number	<b>DN2002333194</b>
Doc Date	<b>20050524</b>
Title	<b>FW: Results update, Prep for meeting.</b>
Subject Matter Description	<b>The email discusses the attached report on the preliminary results of ongoing development of TAD study scenarios.</b>
Authors	<b>Kim, Dong / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / General Engineer</b>
Recipients	<b>Coryell, Eric / BSC  de Castongrene, Russell, III / BSC  Gillespie, Scott G./ BSC Repository Development - Conversion/  Kim, Dong / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / General Engineer  Lopez, Patty / BSC  Siefken, David L./ BSC Repository Development - Program Integration/</b>

Author Recipient Relationship	<b>The authors and recipients are YMP personnel working on analyzing and making recommendations to DOE management on the TAD concept.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>

Participant Accession No.	<b>ALA.20050721.1666</b>
LSN Accession Number	<b>DN2002470014</b>
Doc Date	<b>20050524</b>
Title	<b>TAD Study Update 5-24</b>
Subject Matter Description	<b>The document concerns preliminary results of ongoing development of TAD study scenarios.</b>
Authors	<b>Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I  Turner, Steve / /</b>
Recipients	<b>Coryell, Eric  de Castogrene, Russell  Kim, Dong / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / General Engineer  Lopez, Patty</b>

	<b>Siefken, David L./ BSC Repository Development - Program Integration/</b>
Author Recipient Relationship	<b>The authors and recipients are YMP personnel working on analyzing and making recommendations to DOE management on the TAD concept.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document was a preliminary report of the work of the group analyzing potential TAD scenarios, to support a decision by DOE.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document does not discuss existing facts. It presents various potential scenarios and evaluates issues posed b those hypothetical situations.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20050722.2462</b>
LSN Accession Number	<b>DN2002334905</b>
Doc Date	<b>20050615</b>
Title	<b>SAR 5.4 with new edits_accept</b>
Subject Matter Description	<b>The document is a draft of section 5.4 of the draft LA that concerns the proposed approach to expert elicitation.</b>
Authors	<b>Pendleton, Martha W./ BSC Repository Development - Conversion/</b>
Recipients	<b>Boyle, William J/ DOE - OCRWM Office of Repository Development/ Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Hammermeister, Heather L./ BSC Repository Development - Document Development &amp; Production/ Irwin, Donald / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs Peltier, Benjamin/BSC Rasmussen, Kirk D./ Hunton &amp; Williams, LLP/Attorney Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney Yunker, Jean L./ BSC Repository Development - Chief Science Officer/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors , and DOE attorneys, responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20050722.5041</b>
LSN Accession Number	<b>DN2002330499</b>
Doc Date	<b>20050707</b>
Title	<b>SAR 5.4 with new edits</b>
Subject Matter Description	<b>The document concerns draft section 5.4 of the draft La, which addresses proposed techniques to be used for expert elicitation.</b>
Authors	<b>Pendleton, Martha W./ BSC Repository Development - Conversion/</b>
Recipients	<b>Boyle, William J/ DOE - OCRWM Office of Repository Development/ Capoferri, Anita/ DOE - Office of General Counsel (OGC)/attorney DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/attorney Fillmore, Robert M./ Hunton &amp; Williams, LLP/attorney Hammermeister, Heather L./ BSC Repository Development - Document Development &amp; Production/ Pelletier, John F./ BSC Repository Development - Engineered System/ Peltier, Benjamin /DOE/</b>



**Rasmussen, Kirk D./ Hunton & Williams, LLP/attorney**  
**Reynolds, Myles/ Hunton & Williams, LLP/attorney**  
**Yunker, Jean L./ BSC Repository Development - Chief Science Officer/**

Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors, and DOE counsel, responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what techniques for expert elicitation DOE should adopt for the YM proceeding and how to describe those techniques in the LA.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20050801.0514</b>
LSN Accession Number	<b>DN2002336662</b>
Doc Date	<b>20050616</b>
Title	<b>Legal Cmts 2.3.9 Working Draft B</b>
Subject Matter Description	<b>The subject matter is draft section 2.3.9, Saturated Zone Flow and Transport, of the draft license application.</b>
Authors	<b>Rasmussen, Kirk D./ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Coleman, Drew H./ DOE - OCRWM Office of Facility Operations/</b>
Author Recipient Relationship	<b>The authors are licensing counsel and the recipient is a DOE employee or contractor responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20050801.1323</b>
LSN Accession Number	<b>DN2002336661</b>
Doc Date	<b>20050615</b>
Title	<b>DOE Core Team Comments on Section 1.3.3 Draft B-3</b>
Subject Matter Description	<b>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</b>
Authors	<b>Greenberg, Harris/ BSC /</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b> <b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b> <b>Boutin, Robert J. / BSC Repository Development - Science &amp; Engineering / BSC Project Manager</b> <b>Cornell, Veronica / MTS - Licensing / Parallax, Inc. Policy Analyst</b> <b>Gonzalez, Jaime / /</b> <b>Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II</b> <b>Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman</b>

**Engineering Division Director****Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist****Mills, Mark / BSC /****Prytherch, Mark / SNL /****Voltura, Nancy-Ann / DOE - OCRWM / Office of Quality Concerns Program****White, Jon / DOE /****Zaccone, Charlotte A. / MTS - Engineering & Design & Preclosure Safety Analysis / Booz Allen Hamilton (BAH) Mechanical Engineer**

Author Recipient Relationship	<b>Authors and recipients are DOE employees, contractors, DOE outside counsel, and attorneys in DOE OGC responsible for the subject draft SAR sections</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051003.0010</b>
LSN Accession Number	<b>DN2002470735</b>
Doc Date	<b>20020412</b>
Title	<b>PRIV Burnup credit in waste package.doc</b>
Subject Matter Description	<b>Whether to use burnup credit in analyzing criticality in unsealed, loaded waste packages in the Surface Facility.</b>
Authors	<b>Hanauer, Stephen H.</b>
Author Recipient Relationship	<b>The author is an official within OCRWM.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EFILE REPORT</b>
Participant Accession No.	<b>ALA.20051003.0012</b>
LSN Accession Number	<b>DN2002468859</b>
Doc Date	<b>20050415</b>
Title	<b>PRIV HVAC single failures.doc</b>
Subject Matter Description	<b>Single failure points in HVAC system design P&amp;ID</b>
Authors	<b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy/</b>
Author Recipient Relationship	<b>The author is a DOE employee responsible for the subject document and licensing positions to be taken by DOE.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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. This memo was prepared by Stephen Hanauer for his use in ongoing discussions within DOE related to this issue.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EFILE REPORT</b>

Participant Accession No.	<b>ALA.20051003.0806</b>
LSN Accession Number	<b>DN2002335684</b>
Doc Date	<b>20050615</b>
Title	<b>Sub HEPA</b>
Subject Matter Description	<b>The subject matter is draft license application section, 1.3.5.3.4: Consideration for Potential Radioactive Releases from the Subsurface Facility.</b>
Authors	<b>Yuan, YuChien / BSC</b>
Recipients	<b>Chen, Ming / BSC Platten, Fred Richmond, Nicole / BSC / M&amp;O Contractor Suarez, Diego / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALA.20051003.0896</b>
LSN Accession Number	<b>DN2002335100</b>
Doc Date	<b>20050613</b>
Title	<b>DOC279</b>
Subject Matter Description	<b>The document is a draft of a chapter 1 of the draft LA,.</b>
Authors	<b>Oney, Thomas/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>DOE Office of General Counsel</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>

Participant Accession No.	<b>ALA.20051003.2571</b>
LSN Accession Number	<b>DN2002336452</b>
Doc Date	<b>20050414</b>
Title	<b>DOE Draft A Comments on Section 1.2.5 Part 1</b>
Subject Matter Description	<b>The document concerns Section 1.2.5 of the draft LA which concerns the proposed "Canister Handling Facility" for the YM repository</b>
Authors	<b>King, Ann/BSC Licensing attorneys who have responsibility for this draft SAR section Project personnel responsible for development of draft SAR section</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / BSC /</b>

Gardiner, James T./ BSC Repository Development - Mechanical Engineers/  
 Johnson, Tracy / BSC / M&O Contractor  
 Kumar, Paul A./ BSC Repository Development - Conversion/  
 Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager  
 Anaylst/Modeler  
 Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/  
 Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM contractor

Author Recipient Relationship	Authors and recipients are DOE contractors, project personnel and licensing attorneys responsible for the subject draft LA (or SAR) sections
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 Number	DN2002330548
Doc Date	20050414
Title	DOE Draft A Comments on Section 1.2.5 Part 2
Subject Matter Description	The document concerns sections of the draft LA concerning the cask cavity gas sampling system and the cask and water package inerting system.
Authors	King, Ann/BSC Project personnel who have responsibility over development of this draft SAR section
Recipients	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / BSC / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Johnson, Tracy / BSC / M&O Contractor Kumar, Paul A./ BSC Repository Development - Conversion/ Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Anaylst/Modeler Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/ OCRWM Contractor
Author Recipient Relationship	Authors and recipients are DOE contractors 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.	<b>ALA.20051003.2581</b>
LSN Accession Number	<b>DN2002331929</b>
Doc Date	<b>20041105</b>
Title	<b>DOE Draft A Comments on Section 1.2.3</b>
Subject Matter Description	<b>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.</b>
Authors	<b>DOE Core Team</b>
Recipients	<b>Brooks, Joan/BSC Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cocchrane, Colin/BSC Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ King, Ann/BSC Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALA.20051003.3485</b>
LSN Accession Number	<b>DN2002334507</b>
Doc Date	<b>20050616</b>
Title	<b>1.3.4RevBComments</b>
Subject Matter Description	<b>Yucca Mountain Repository SAR, 1.2.3 Emplacement Areas of the Subsurface Facility - DOE/RW-0573, Draft B-4</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Gonzales, Jaime / DOE / OCRWM Official Gonzales, Lou / BSC Repository Development - Licensing &amp; Nuclear Safety / LA Completion Team Member Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booz Allen Hamilton (BAH) Nuclear Engineer Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead 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</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DRAWING EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALA.20051003.3808</b>
LSN Accession Number	<b>DN2002335971</b>
Doc Date	<b>20050421</b>
Title	<b>DOE Draft A Comments on Section 1.2.8</b>
Subject Matter Description	<b>The document concerns section 1.2.8 of the draft License Application.</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.1253</b>
LSN Accession Number	<b>DN2002335774</b>
Doc Date	<b>20050712</b>
Title	<b>FW: Privileged &amp; Confidential - 1.3.5 Rev. B comments</b>
Subject Matter Description	<b>The document concerns draft section 1.3.5 of the draft LA, which addresses subsurface facility ventilation design.</b>
Authors	<b>Shamblin, Penny / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>Licensing counsel is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.1254</b>
LSN Accession Number	<b>DN2002331833</b>
Doc Date	<b>20050526</b>



Title	<b>1_3_5 Rev B HW Comments</b>
Subject Matter Description	<b>The document concerns draft section 1.3.5 of the draft LA, which addresses subsurface facility ventilation design.</b>
Authors	<b>Shamblin, Penny / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>Licensing attorney is providing her recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.1323</b>
LSN Accession Number	<b>DN2002337388</b>
Doc Date	<b>20050719</b>
Title	<b>DOC002</b>
Subject Matter Description	<b>This is a copy of the referenced section of the draft SAR (i.e., Fire Protection) with handwritten comments by counsel.</b>
Authors	<b>Oney, Thomas/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE and DOE contractor personnel and DOE counsel who are responsible for the referenced draft section of the LA.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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, and will not, until it files its LA/SAR with the NRC.</b>
Deliberation Explanation	<b>Counsel is providing advice and recommendations and opinions on the proposed licensing positions in, and form and content of, this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.1324</b>
LSN Accession Number	<b>DN2002329417</b>
Doc Date	<b>20050719</b>
Title	<b>DOC005</b>

Subject Matter Description	<b>The document is a copy of the referenced draft section of the LA (i.e., Electric Power) with handwritten attorney comments.</b>
Authors	<b>Oney, Thomas/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>Counsel is providing advice and recommendations on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.2051</b>
LSN Accession Number	<b>DN2002329462</b>
Doc Date	<b>20050728</b>
Title	<b>Codes and Standards</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager Analyst Modeler</b>
Recipients	<b>Ashley, Glen / BSC/Beckman / Group Lead Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory) Bryan, Martin C / BSC Repository Development - LA Completion / Beckman &amp; Associates Program Manager Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Elder, Ken / DOE/RW OCE / Frazier, A. / Hunton &amp; Williams, LLP/ Attorney Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Powell, David / BSC / Trubatch, Sheldon/BSC/Attorney Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>The email contains no fact section. It reflects in its entirety the author's opinions and recommendations.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-discusses attorneys advice; LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051005.2216</b>

LSN Accession Number	<b>DN2002332896</b>
Doc Date	<b>20050728</b>
Title	<b>RE: SAR 1.4.1, attorney-client privilege</b>
Subject Matter Description	<b>This email discussion from S. Cereghino provides responsive information to DOE OGC counsel on draft SAR section 1.4.1</b>
Authors	<b>Cereghino, Stephen J./ BSC Repository Development - Conversion/ Oney, Thomas / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>Authors and recipients are attorneys with DOE OGC, DOE's outside counsel, and DOE's M&amp;O contractor responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.</b>
Deliberation Explanation	<b>The authors are 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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALA.20051005.2880</b>
LSN Accession Number	<b>DN2002334697</b>
Doc Date	<b>20050709</b>
Title	<b>13358 Design Codes&amp;Stand [LG-133-4]</b>
Subject Matter Description	<b>DOE draft comments on draft YMRP (NUREG-1804) as it relates to Design Codes and Standards.</b>
Authors	<b>Gonzales, Lou / BSC Repository Development - Licensing &amp; Nuclear Safety / Licensing Application Completion Team Member</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b>
Author Recipient Relationship	<b>The author and recipient are DOE M&amp;O contract personnel responsible for preparation of draft comments on the draft YMRP for DOE's consideration and adoption.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>DOE position to be taken on the YMRP.</b>
Deliberation Explanation	<b>The author is providing his recommendation and opinion on the comments DOE should file relative to the draft YMRP.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALA.20051006.4751</b>
LSN Accession Number	<b>DN2002479221</b>
Doc Date	<b>20050716</b>
Title	<b>GAV-Sebastian-Ed Revised 2.3.11.5.4.3 Magma Flow in Drifts</b>
Subject Matter Description	<b>The document concerns the discussion in the draft License Application of Magma Flow in Drifts</b>
Authors	<b>Michael Wallace / /</b>
Recipients	<b>Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist Crump, Terry/ BSC Repository Development/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>

Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20051006.4752</b>
LSN Accession Number	<b>DN2002479080</b>
Doc Date	<b>20050630</b>
Title	<b>Jon-Chuck Data Uncertainty for Tephra Redistribution - 2.3.11.6.</b>
Subject Matter Description	<b>The document concerns the discussion of tephra redistribution in the draft License Application.</b>
Recipients	<b>Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist Crump, Terry/ BSC Repository Development/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20051006.4753</b>
LSN Accession Number	<b>DN2002479255</b>
Doc Date	<b>20050713</b>
Title	<b>Jon-Chuck Model Uncert and Alt Models for Tephra Redist 2.3.11.6</b>
Subject Matter Description	<b>The document concerns the discussion of tephra redistribution in the draft LA.</b>
Recipients	<b>Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist Crump, Terry/ BSC Repository Development/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALA.20051006.4754</b>
LSN Accession Number	<b>DN2002330781</b>
Doc Date	<b>20050715</b>
Title	<b>Jon-Chuck Revised SAR 2.3.11.6.2.3 Tephra Redistribution</b>
Subject Matter Description	<b>The document concerns the discussion of Tephra Redistribution in the draft License Application.</b>
Recipients	<b>Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist Crump, Terry/ BSC Repository Development/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>

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
Participant Accession No.	ALA.20051006.4755
LSN Accession Number	DN2002479168
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
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist 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	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
Participant Accession No.	ALA.20051006.4758
LSN Accession Number	DN2002479146
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.
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist 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	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
Participant Accession No.	ALA.20051006.4759
LSN Accession Number	DN2002479229
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
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist 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	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
Participant Accession No.	ALA.20051006.4760
LSN Accession Number	DN2002479105
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.
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist 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	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
Participant Accession No.	ALA.20051006.4761
LSN Accession Number	DN2002479225
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
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist Crump, Terry/ BSC Repository Development/
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
Participant Accession No.	ALA.20051006.4762
LSN Accession Number	DN2002479139
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.
Recipients	Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist 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	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	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20051007.0497</b>
LSN Accession Number	<b>DN2002335758</b>
Doc Date	<b>20050622</b>
Title	<b>DOC</b>
Subject Matter Description	<b>The subject matter is legal comments on the draft SAR section 1.2.5 (Canister Handling Facility)</b>
Authors	<b>Frazier, Amanda / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cochrane, Colin / / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/Attorney Johnson, Tracy / BSC / M&amp;O Contractor Sequeira, Gary/ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ OCRWM Contractor Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051007.0516</b>
LSN Accession Number	<b>DN2002337729</b>
Doc Date	<b>20050624</b>
Title	<b>1.2.2Rev.BComments</b>
Subject Matter Description	<b>This document concerns draft SAR section 1.2.2 and attorney comments on this draft.</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney Biggs, Jo Ann/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Hammermeister, Heather L./ BSC Repository Development - Document Development &amp; Production/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Johnson, Tracy / BSC / M&amp;O Contractor Kutzer, John F./ BSC Repository Development - LA Completion/ Morgan, Robert G./ BSC Repository Development - Chief Science Officer/ Pernisi, Richard / BSC / Sequeira, Gary/ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Tooker, D.W/ BSC Repository Development - Fuel Handling Facility/</b>
Author Recipient Relationship	<b>The authors of the comments are licensing attorneys and the recipients are DOE employees and contractors responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>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.</b>

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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 IA 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051018.0718</b>
LSN Accession Number	<b>DN2002336603</b>
Doc Date	<b>20050729</b>
Title	<b>Proposed Changes to Aircraf Freq. Analysis</b>
Subject Matter Description	<b>The correspondence addresses proposed changes to the frequency analysis of aircraft hazards.</b>
Authors	<b>Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President &amp; General Manager</b>
Recipients	<b>Arthur, John, III / DOE - OCRWM Office of Repository Development / Deputy Director Ashley, Kathryn / BSC Repository Development - Preclosure Safety Analyses / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Nuclear Critical Engineer Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Haught, David C. / DOE - OCRWM Office of License Application &amp; Strategy / Engineer Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division 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</b>
Author Recipient Relationship	<b>The document was prepared by DOE's M&amp;O contractor for the YMP and sent to responsible DOE officials.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The proposed decision is whether adopt the recommended changes to the frequency analysis of the aircraft hazards.</b>
Deliberation Explanation	<b>The correspondence from the DOE M&amp;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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Participant Accession No.	<b>ALA.20051018.1986</b>
LSN Accession Number	<b>DN2002330303</b>
Doc Date	<b>20050802</b>
Title	<b>FW: Response to EIA comments</b>
Subject Matter Description	<b>FW: Response to EIA comments</b>
Authors	<b>McRae, James B./ DOE - Office of General Counsel (OGC)/ Attorney</b>
Recipients	<b>Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.</b>
Deliberation Explanation	<b>The document contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the</b>

	<b>privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051018.2155</b>
LSN Accession Number	<b>DN2002329336</b>
Doc Date	<b>20050802</b>
Title	<b>FW: Response to EIA comments</b>
Subject Matter Description	<b>FW: Response to EIA comments</b>
Authors	<b>McRae, James Ben / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs</b>
Recipients	<b>Brownstein, Alan B. / DOE - OCRWM Office of Repository Development/ Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.</b>
Deliberation Explanation	<b>The document contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051018.2314</b>
LSN Accession Number	<b>DN2002334657</b>
Doc Date	<b>20050803</b>
Title	<b>FW: Response to EIA comments</b>
Subject Matter Description	<b>FW: Response to EIA comments</b>
Authors	<b>Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor</b>
Recipients	<b>Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns the position DOE should take respecting the proposed EPA regulation and the EIA that accompanies it.</b>
Deliberation Explanation	<b>The documents contains recommendations, opinions, and legal advice concerning EPA's response to DOE's comments on EIA related to proposed EPA regulation.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051018.4383</b>
LSN Accession Number	<b>DN2002336955</b>
Doc Date	<b>20050715</b>
Title	<b>Pages from sar-1.02.03 working draft B-3 (jgs markup)</b>
Subject Matter Description	<b>The document concerns section 1.2.3 of the draft LA, which addresses various surface facilities.</b>
Authors	<b>Self, Jerry G. / BSC Repository Development - Conversion/</b>
Recipients	<b>Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>

Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051018.6678</b>
LSN Accession Number	<b>DN2002335934</b>
Doc Date	<b>20050830</b>
Title	<b>RE: Privileged &amp; Confidential - YMRP criteria question</b>
Subject Matter Description	<b>YMRP criteria question, 2.2.1.3.2.3 AC 1(2), "the description of geological &amp; engineering aspects of design features, physical phenomena, &amp; couplings, that may mechanical disruption of engineered barriers.</b>
Authors	<b>Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager</b>
Recipients	<b>Cunnane, Jim /DOE-OCRWM / Shamblin, Penny / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This document gives legal advice regarding the YMRP criteria in SAR section 2.3.7</b>
Deliberation Explanation	<b>This document contains counsel's legal analysis of the YMRP criteria for draft SAR section 2.3.7 and makes recommendations based on that analysis.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051018.7298</b>
LSN Accession Number	<b>DN2002470462</b>
Doc Date	<b>20050819</b>
Title	<b>20050819 FEP Control Parameter Names</b>
Subject Matter Description	<b>Table 1: Control Variable Used in Draft SAR Table 1.9-4 (FEP Control Parameter Names)</b>
Authors	<b>Kriner, Jeffrey / BSC</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Fuller, Ed / BSC /</b>
Author Recipient Relationship	<b>Authors and Recipients are DOE's M&amp;O contractor personnel who have responsibility for the development of this draft SAR section (1.9).</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Other Privilege Types	<b>LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20051018.9046</b>
LSN Accession Number	<b>DN2002337307</b>
Doc Date	<b>20050818</b>

Title	<b>Updates to SAR Sections 1.14.2.1 - 1.14.2.2.1 - 1.14.2.2.4 08192005</b>
Subject Matter Description	<b>The subject matter of the document is draft SAR Sections 1.14.2.1 Nuclear Criticality Safety Design Criteria and comments thereon.</b>
Authors	<b>DOE employees and contractors responsible for the subject draft SAR sections</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft SAR sections</b>
Author Recipient Relationship	<b>Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20051018.9976</b>
LSN Accession Number	<b>DN2002332386</b>
Doc Date	<b>20050818</b>
Title	<b>RE: Action items for 2.3.8</b>
Subject Matter Description	<b>The subject matter of the document is action items for draft section 2.3.8 of the draft LA and comments regarding same</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hammermeister, Heather L. / BSC Repository Development - Project Operations / Houseworth, James E. / BSC Repository Development - Natural Systems / Lawrence Berkeley National Laboratory (LBNL) UZ Deputy Department Manager Smistad, Eric / DOE / OCRWM Official Tarbox, Annie / BSC / Yunker, Jean L. / BSC Repository Development - Chief Science Officer/</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051020.1137</b>
LSN Accession Number	<b>DN2002334065</b>
Doc Date	<b>20050915</b>
Title	<b>FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Subject Matter Description	<b>The document concerns draft section 2.3 of the draft LA.</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.</b>



Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051102.1231</b>
LSN Accession Number	<b>DN2002331525</b>
Doc Date	<b>20050913</b>
Title	<b>Tables 17-18; 27-30 Draft C-6 - KDR Cmts</b>
Subject Matter Description	<b>Attorney comments on draft SAR, Tables 2.2.17-18; 2.2.27-30</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Whalen, Cheryl L. / BSC Repository Development - Licensing Defense / JK Research Associates (JKRA) Scientist</b>
Author Recipient Relationship	<b>The author is an attorney with Hunton &amp; Williams; the recipients are lawyers with DOE's outside counsel and OGC as well as DOE's M&amp;O Contractor who is responsible for development of the FEP discussion in the draft SAR..</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20051102.2177</b>
LSN Accession Number	<b>DN2002336840</b>
Doc Date	<b>20050914</b>
Title	<b>Section 1.3.1.2.4 - Revised 9-14-05 FINAL - hrg edit</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer</b>
Recipients	<b>Andrews, Robert W./ BSC Repository Development - Conversion/ Beard, Kristina/ Hunton &amp; Williams, LLP/attorney Cornell, Veronica/ MTS - Licensing/ Gonzales, Jamie/ BSC Repository Development/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Mills, Mark/BSC Reinecke, Royce /BSC Suarez, Diego/ BSC Repository Development - Conversion/ White, Jon/ DOE OCRWM</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what thermal loading strategy DOE should adopt for the YM repository.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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</b>



**proposed thermal loading strategy that was under deliberation.**

Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20051102.4859</b>
LSN Accession Number	<b>DN2002479247</b>
Doc Date	<b>20050902</b>
Title	<b>Comments on Section 1.2.2 - Privileged</b>
Subject Matter Description	<b>This document contains an email discussion among OGC lawyers and outside counsel and DOE's M&amp;O contractor regarding draft section 1.2.2.</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney 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 /</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside counsel; the recipients are either lawyers with DOE's OGC, OCRWM officials, or M&amp;O contractor personnel.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors, including DOE's outside counsel, are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051102.5320</b>
LSN Accession Number	<b>DN2002479122</b>
Doc Date	<b>20050824</b>
Title	<b>Table 21 - Draft C - KDR Cmts</b>
Subject Matter Description	<b>The document concerns the draft discussion of the FEPs screening decision for erosion/denudation.</b>
Authors	<b>Reynolds, Myles/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton &amp; Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Smistad, Eric / DOE / OCRWM Official Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist Whalen, Cheryl L. / BSC Repository Development - Licensing Defense / JK Research Associates (JKRA) Scientist Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions and legal advise on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051102.5321</b>
LSN Accession Number	<b>DN2002337910</b>

Doc Date	<b>20050824</b>
Title	<b>Table 22 - Draft C - KDR Cmts</b>
Subject Matter Description	<b>The document concerns the draft FEPs screening discussion in the draft LA for influc through holes drilled in drift wall or crown.</b>
Authors	<b>Reynolds, Myles/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton &amp; Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Smistad, Eric / DOE / OCRWM Official Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist Whalen, Cheryl L. / BSC Repository Development - Facilities Design / JK Research Associates (JKRA) Scientist Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051102.5323</b>
LSN Accession Number	<b>DN2002479254</b>
Doc Date	<b>20050824</b>
Title	<b>Table 33 - Draft C - KDR Cmts</b>
Subject Matter Description	<b>The document concerns the discussion in the draft License Application of the FEPs screening decision for human influence on climate</b>
Authors	<b>Reynolds, Myles/ Hunton &amp; Williams, LLP/attorneys</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton &amp; Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Smistad, Eric / DOE / OCRWM Official Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist Whalen, Cheryl L. / BSC Repository Development - Facilities Design / JK Research Associates (JKRA) Scientist Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions and legal analysis on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051102.5487</b>

LSN Accession Number	<b>DN2002331119</b>
Doc Date	<b>20050826</b>
Title	<b>1.2.2</b>
Subject Matter Description	<b>Attorney comments on draft SAR Section 1.2.2</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/Attorney</b>
Recipients	<b>Cereghino, Stephen J./ BSC Repository Development - Conversion/ Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Linhart, James G. / DOE - OCRWM /</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions and legal analysis on the proposed licensing positions in and form and content of this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALA.20051102.6215</b>
LSN Accession Number	<b>DN2002337018</b>
Doc Date	<b>20050825</b>
Title	<b>Re: CONFIDENTIAL/PRIVILEGED</b>
Subject Matter Description	<b>The subject matter of the document is NRC staff's position on proposed EPA standard on post-10,000 year repository performance assessment.</b>
Authors	<b>Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director Irwin, Donald / Hunton &amp; Williams, LLP / Attorney Nutt, Mark / Golder Associates / Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy / Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager Williams, Jeffrey R. / DOE - OCRWM / Zeugin, Lee / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The information concerns DOE's proposed comments on the draft EPA Rule regarding projected repository performance after 10,000 years.</b>
Deliberation Explanation	<b>DOE's contractor is providing his analysis and opinions about the EPA's draft rule regarding repository performance after 10,000 years in order to assist DOE in submitting its comments on the draft rule to the EPA.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney</b>

Participant Accession No.	<b>ALA.20051102.7417</b>
LSN Accession Number	<b>DN2002332375</b>
Doc Date	<b>20050915</b>
Title	<b>2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Subject Matter Description	<b>The subject matter of the document is draft SAR section 2.3</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead</b> <b>Smistad, Eric / DOE / OCRWM Official</b> <b>Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project, and recipients are DOE OGC counsel and DOE employees and contractors responsible for the subject draft LA or SAR sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendation, opinions, and advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051102.7420</b>
LSN Accession Number	<b>DN2002337306</b>
Doc Date	<b>20050915</b>
Title	<b>FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Subject Matter Description	<b>Comments on Draft SAR sections 2.3.8 and 2.3.9</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead</b> <b>Smistad, Eric / DOE / OCRWM Official</b> <b>Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside counsel and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions and legal analysis on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALA.20051102.8145</b>
LSN Accession Number	<b>DN2002468840</b>
Doc Date	<b>20050902</b>
Title	<b>dcs comments on Insert L__prep for C-3</b>
Subject Matter Description	<b>The subject is the thermal-hydrologic-chemical seepage model.</b>
Authors	<b>Sassani, David C. / MTS - Post Closure Safety Analysis / Golder Associates Staff Scientist / OCRWM Contractor</b>
Recipients	<b>Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member</b> <b>Beasley, Amanda / Hunton &amp; Williams, LLP / Attorney</b> <b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b>

Author Recipient Relationship	<b>The authors and recipients are licensing counsel and DOE employees or contractors with licensing-related responsibility for the subject of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051102.8297</b>
LSN Accession Number	<b>DN2002329615</b>
Doc Date	<b>20050804</b>
Title	<b>sar-2.03.03_Draft B_Fig 2.3.3-21 markup</b>
Subject Matter Description	<b>Draft Fig 2.3.3-21 of SAR section 2.3.3 illustrating spatial variability and cumulative frequency distribution of flow-focusing factors</b>
Authors	<b>Prouty, Jeralyn L./ BSC Repository Development - Subcontractor Department/</b>
Recipients	<b>Dobson, David/ BSC Repository Development - License Application/ Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II</b>
Author Recipient Relationship	<b>The authors and recipients are DOE M&amp;O contractors with responsibility for the subject draft SAR section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051102.8563</b>
LSN Accession Number	<b>DN2002333193</b>
Doc Date	<b>20050908</b>
Title	<b>RE: Language on Volcanic Eruptions: Privileged Attorney-Client Communication</b>
Subject Matter Description	<b>The subject matter is the correct language in the draft license application regarding the eruption of newly formed volcanoes.</b>
Authors	<b>Frazier, Amanda / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Ashley, Glen / BSC/Beckman / Group Lead Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)/ OCRWM Contractor</b>
Author Recipient Relationship	<b>Authors and recipients are licensing counsel and DOE contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA--specifically the language regarding eruption of newly formed volcanoes.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION)</b>



Participant Accession No.	<b>ALA.20051102.8564</b>
LSN Accession Number	<b>DN2002338225</b>
Doc Date	<b>20050908</b>
Title	<b>RE: Language on Volcanic Eruptions: Privileged Attorney-Client Communication</b>
Subject Matter Description	<b>The document concerns the position in the draft LA regarding the screening out of newly-formed volcanos within 1 km of the repository.</b>
Authors	<b>Frazier, Amanda / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Ashley, Glen / BSC / Group Lead Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client</b>

Participant Accession No.	<b>ALA.20051102.8565</b>
LSN Accession Number	<b>DN2002330815</b>
Doc Date	<b>20050908</b>
Title	<b>Re: Language on Volcanic Eruptions: Privileged Attorney-Client Communication</b>
Subject Matter Description	<b>The document concerns the discussion in the draft LA of eruptions from newly-formed volcanoes.</b>
Authors	<b>Ashley, Glen / BSC/Beckman / Group Lead Frazier, Amanda / Hunton &amp; Williams LLP / attorney</b>
Recipients	<b>Ashley, Glen / BSC/Beckman / Group Lead Bradbury, Robert/ MTS - Licensing/ Frazier, Amanda / Hunton &amp; Williams LLP / attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matters of the draft SAR section and the form and content thereof.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney</b>

Participant Accession No.	<b>ALA.20051102.8567</b>
LSN Accession Number	<b>DN2002336017</b>
Doc Date	<b>20050908</b>
Title	<b>Re: Language on Volcanic Eruptions: Privileged Attorney-Client Communication</b>
Subject Matter Description	<b>The subject matter of these emails is volcanic eruptions and suggested language from a licensing attorney and a response to that suggested language.</b>
Authors	<b>Ashley, Glen / BSC / Group Lead Frazier, Amanda / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>The authors and recipients, including licensing counsel, are also DOE employees or contractors responsible for the subject addressed in the draft SAR.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the draft LA regarding volcanic eruptions.</b>
Deliberation Explanation	<b>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.</b>



Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALA.20051102.8608</b>
LSN Accession Number	<b>DN2002334408</b>
Doc Date	<b>20050908</b>
Title	<b>RE: 5.4</b>
Subject Matter Description	<b>The document concerns section 5.4 of the draft License Application.</b>
Authors	<b>Rasmussen, Kirk D./ Hunton &amp; Williams/ Attorney</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/ DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney Fillmore, Robert M./ Hunton &amp; Williams, LLP/ Attorney Pendleton, Martha W. / BSC Repository Development - Licensing &amp; Compliance / BSC Principal Engineer I</b>
Author Recipient Relationship	<b>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 attorney 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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20051213.3286</b>
LSN Accession Number	<b>DN2002331548</b>
Doc Date	<b>20050829</b>
Title	<b>DOC028</b>
Subject Matter Description	<b>Yucca Mountain Repository SAR Draft C-4 section 1.4.1</b>
Authors	<b>Oney, Thomas/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holt Jr., Robert D. / BSC Repository Development - Engineering Manager / BSC Project Manager</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and the form and content thereof.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>ALA.20060111.1756</b>

LSN Accession Number	<b>DN2002481332</b>
Doc Date	<b>20051103</b>
Title	<b>PRIVILEGED Comments on Draft White Paper</b>
Subject Matter Description	<b>This document contains the author's subjective recommendations and analysis on a draft position paper prepared by BSC regarding preclosure information available at LA submittal.</b>
Authors	<b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy</b>
Recipients	<b>Dunn, Thomas / BSC / Orvis, Douglas D. / BSC Repository Development - Event Cat &amp; Rel Analyses / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>The author is an official with OCRWM, and he is providing his recommended changes and comments to OCRWM's M&amp;O contractors on the subject of preclosure information available at LA submission.</b>
Determining Official	<b>Ronald Milner</b>
DP Decision Information	<b>The author is providing his analysis on a draft position paper that DOE has not adopted concerning the preclosure information to be made available when the LA is submitted to the NRC.</b>
Deliberation Explanation	<b>The author is providing his subjective analysis and opinions on a draft position paper regarding the preclosure information available at LA submittal.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>

Participant Accession No.	<b>ALA.20060111.2627</b>
LSN Accession Number	<b>DN2002470111</b>
Doc Date	<b>20051027</b>
Title	<b>100 SNF Aging Report 051027-biggs</b>
Subject Matter Description	<b>The document concerns the draft SNF Aging Report.</b>
Authors	<b>Biggs, Jo Ann/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALA.20060126.0405</b>
LSN Accession Number	<b>DN2002500375</b>
Doc Date	<b>20051013</b>
Title	<b>SAR Section 1.2.7_Needed Corrections</b>
Subject Matter Description	<b>The subject matter is draft license application section 1.2.7 and engineering comments on that draft section.</b>
Authors	<b>Ployhar, Steve / BSC / Swanson, Leonard / BSC /</b>
Recipients	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>

Doc Type	<b>EMAIL-ATT FORM LIST</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20060519.0402</b>
LSN Accession Number	<b>DN2002469858</b>
Doc Date	<b>20050630</b>
Title	<b>DOE RW 0573 Draft B3</b>
Subject Matter Description	<b>The subject matter is the draft section of the LA covering structures, systems, and components important to safety; safety controls; and measures to ensure availability of the safety systems.</b>
Authors	<b>Authors of the comments are DOE licensing counsel with responsibility for the subject addressed in this draft LA section.</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>Authors and recipient are licensing counsel with licensing-related responsibility for the subject of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice; LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20060519.3835</b>
LSN Accession Number	<b>DN2002337146</b>
Doc Date	<b>20060125</b>
Title	<b>Re: PRIVILEGED Re: TAD White Paper</b>
Subject Matter Description	<b>The subject matter is a white paper addressing the level of detail that must be included in the license application so that it will be docketed.</b>
Authors	<b>Powell, David / BSC /</b>
Recipients	<b>Saldarini, James / BSC /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for portions of the draft license application.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Analyses regarding the level of detail necessary in the license application to support docketing.</b>
Deliberation Explanation	<b>The author is providing a recommendation and opinion regarding the level of detail that must be included in the license application to support docketing.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20060519.5670</b>
LSN Accession Number	<b>DN2002457245</b>
Doc Date	<b>20060202</b>
Title	<b>Comments on BSC CD-1 2nd design alternative report</b>
Subject Matter Description	<b>Comments on BSC Internal Draft Conceptual Design Report for proposed operating modes of the YM repository</b>
Authors	<b>Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/</b>
Recipients	<b>Chagnon, Carl W. / BSC Repository Development - Engineering Manager / BSC Project Manager Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Iorii, Vince // Kantola, Leon / BSC /</b>

Author Recipient Relationship	<b>The author is a DOE OCRWM employee with responsibility for the subject matter of the comments. The recipients are YMP personnel with similar responsibilities.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Document concerns presentations of alternative surface designs for the Yucca Mountain Repository.</b>
Deliberation Explanation	<b>Document provides the author's evaluation and subjective opinions of the draft document and the alternatives presented in the draft.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST</b>
Participant Accession No.	<b>ALA.20061030.2045</b>
LSN Accession Number	<b>DN2002468993</b>
Doc Date	<b>20041207</b>
Title	<b>PRIVILEGED-CONFIDENTIAL Attorney-Client Request - - V-TEL Discussions on Scoping Calculations</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager</b>
Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney Hoshaw, Marylu / BSC / McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Nutt, Mark/ Golder Associates/ OCRWM Contractor Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Sevougian, David / BSC Repository Development - Management &amp; Operations / Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/ Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/ Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The anticipated decisions relate to DOE positions on the proposed EPA peak dose standard as well as strategy for and development of the LA.</b>
Deliberation Explanation	<b>The email discusses and begins to evaluate factors the author deems important in evaluating information regarding peak dose estimates over alternative time periods.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20061128.5208</b>
LSN Accession Number	<b>DN2002470990</b>
Doc Date	<b>20060929</b>
Title	<b>Fahrump Action 24 - DECISION PAPER - Drip Shield design basis</b>
Subject Matter Description	<b>The document concerns the treatment of drip shields in the post-closure performance analysis.</b>
Authors	<b>Dahl, Pamela / SNL / Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b>
Recipients	<b>Bonano, Evaristo J. / Sandia National Laboratory (SNL) / Brady, P.V. / Sandia National Laboratory / Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ chief scientist Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff Hardin, Ernest / Berldey &amp; Sandia Laboratories / OCRWM Contractor</b>

Howard, Cliff / Sandia National Laboratory / OCRWM Contractor  
 Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor  
 MacKinnon, Bob / SNL /  
 Marietta, Melvin G. / Sandia National Lab / Technical Management Specialist  
 McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II  
 Sproat, Ward/OCRWM/Director  
 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 LIST REPORT

Participant Accession No.	ALA.20061128.5214
LSN Accession Number	DN2002469354
Doc Date	20060915
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.
Authors	Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist
Recipients	Bonano, Evaristo J. / Sandia National Laboratory (SNL) Brady, P.V. / Sandia National Laboratory / Dahl, Pamela / SNL / 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 / Berldey & Sandia Laboratories / OCRWM Contractor Howard, Cliff / Sandia National Laboratory / OCRWM Contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor 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 Sproat, Ward/OCRWM/director 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	DATA EMAIL-ATT REPORT

Participant Accession No.	ALA.20070215.0654
LSN Accession Number	DN2002481325
Doc Date	20061011
Title	Aircraft Hazards Decision Paper Draft 5

Subject Matter Description	<b>The documents concerns the FEPs screening analysis for aircraft hazards at the YM repository.</b>
Authors	<b>Kacich, Richard/DOE /OCRWM official</b>
Recipients	<b>Beckman, Donald/ BSC Repository Development / OCRWM contractor</b> <b>Benz, Edward F./ BSC Repository Development - Chief Science Officer/ OCRWM contractor</b> <b>Dunn, Thomas / BSC / OCRWM contractor</b> <b>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</b> <b>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/</b> <b>Lanthrum, Gary/DOE / OCRWM official</b> <b>Siefken, David L./ BSC Repository Development - Program Integration/</b> <b>Spezialetti, Bill / DOE/RW / OCRWM official</b> <b>Warther, Robert/DOE OCRWM/LA director</b> <b>Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/</b> <b>Williams, Mark/DOE OCRWM/licensing director</b> <b>Wisenberg, Mark / BSC / OCRWM contractor</b> <b>Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ OCRWM contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the preparation of the referenced document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision was whether to base the LA on the existing FEPs screening analysis for aircraft hazards or to add further margin to the analysis.</b>
Deliberation Explanation	<b>The document provides the authors' opinions on the regulatory sufficiency of the existing FEPs analysis and makes recommendations on what action DOE should take.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>The document provides the author's subjective opinions and the responses for them. There is no separate factual discussions and disclosure of the document's contents would reveal the author's opinion and what he considers important.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LEGAL DOCUMENT</b>
Participant Accession No.	<b>ALA.20070426.5207</b>
LSN Accession Number	<b>DN2002463803</b>
Doc Date	<b>20070117</b>
Title	<b>Fw: Pahrump Action Item Discussions</b>
Subject Matter Description	<b>The subject matter of this email is the license application and defense of the application.</b>
Authors	<b>Freeman, Patricia / DOE /</b> <b>Sproat, Edward / DOE - OCRWM / Director</b> <b>Trillo, Sandra / BSC / M&amp;O Contractor</b>
Recipients	<b>Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director</b> <b>Borella, Edward / BSC / M&amp;O Contractor</b> <b>Crawford, David / DOE / OCRWM official</b> <b>Davis, Shirley / DOE / OCRWM employee</b> <b>Dyer, J. Russell / DOE - OCRWM Office of Repository Development /</b> <b>Feigenbaum, Ted / BSC / General Manager / OCRWM contractor</b> <b>Golan, Paul / DOE - OCRWM / Deputy Director</b> <b>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</b> <b>Irwin, Donald / Hunton &amp; Williams, LLP / Attorney</b> <b>Kacich, Richard / DOE / OCRWM official</b> <b>Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director</b> <b>Lanthrum, Paul / DOE / OCRWM official</b> <b>McKinney, Thomas / BSC / M&amp;O Contractor</b> <b>Neumayr, Mary / DOE / Attorney</b> <b>Orrell, Andrew / Sandia National Laboratory (SNL) Team Member / OCRWM contractor</b> <b>Powers, Ken / DOE / OCRWM official</b> <b>Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member</b> <b>Taft, Robert W./ DOE/ OCRWM official</b> <b>Tosetti, Richard / DOE / OCRWM official</b> <b>Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Warther, Robert F. / DOE / LA Manager / OCRWM official</b> <b>Williams, Mark H. / DOE / Licensing Director / OCRWM official</b>
Author Recipient Relationship	<b>The authors and recipients are YMP personnel with responsibility for the license application and its support, including project personnel and attorneys.</b>



Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions as well as the status of outstanding potential vulnerabilities with same.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070426.5991</b>
LSN Accession Number	<b>DN2002479239</b>
Doc Date	<b>20070110</b>
Title	<b>Pahrump Action Item Discussions PRIVILEGED- Deliberative Process</b>
Subject Matter Description	<b>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 &amp; 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.</b>
Authors	<b>Sproat, Edward F. III / DOE - OCRWM / Director</b>
Recipients	<b>Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director Crawford, David /DOE OCRWM Davis, Shirley /DOE OCRWM/professional assistant Dyer, Russel J. / DOE - OCRWM Office of Repository Development / chief scientist Feigenbaum, Ted /BSC/managing director Golan, Paul /DOE OCRWM/deputy director Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Irwin, Donald / Hunton &amp; Williams, LLP / Attorney Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / Director Lanthrum, Gary /DOE OCRWM Neumayr, Mary / DOE/Office of General Counsel/attorney / Orrell, Andrew / Sandia National Laboratory (SNL) Powers, Ken /DOE OCRWM Summerson, Jane R. / DOE - OCRWM Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Warther, Robert / DOE OCRWM/LA director Williams, Mark H. / DOE OCRWM /director of licensing</b>
Author Recipient Relationship	<b>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&amp;O contractor and the Lead Lab for the YMP.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decisions relate to each of the topics referenced in the subject matter field, and concern whether decision papers are needed on the topics.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20070504.0893</b>
LSN Accession Number	<b>DN2002457502</b>
Doc Date	<b>20070216</b>
Title	<b>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</b>
Subject Matter Description	<b>This email concerns the technical work plan for draft degradation studies.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b>
Recipients	<b>Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b>

DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney  
 Fillmore, Robert M. / Hunton & Williams, LLP / Attorney  
 Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Listed as Kirk D. Lachman  
 Engineering Division Director  
 Linhart, James G. / DOE - OCRWM /  
 Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist  
 Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering/  
 Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney

Author Recipient Relationship	The personnel who drafted and received this email are project personnel and attorneys with responsibility for the license application and its support.
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.20070515.7809
LSN Accession Number	DN2002479112
Doc Date	20070301
Title	ATTCKT5
Subject Matter Description	The document concerns BSC's support of DOE in the YM licensing proceeding.
Authors	Trillo, Sandra / BSC / M&O Contractor
Recipients	Beckman, Donald/ BSC/Beckman & Associates Cohose, Robert/BSC Feigenbaum, Ted/BSC/general manager Freeman, Patricia/ BSC/ Kacich, Richard/DOE Sproat, Edward F. III / DOE - OCRWM / Director Thornton, Linda /BSC/Attorney Trubatch, Sheldon/BSC/Attorney

Author Recipient Relationship	The document was prepared by the DOE M&O contractor. The document was sent to the DOE OCRWM director, and copies to YMP personnel who assisted in its preparation.
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 REPORT
Other Privilege Types	LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION) LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION);

Participant Accession No.	ALA.20070517.0429
LSN Accession Number	DN2002470539
Doc Date	20070214
Title	PRIVILEGED CONFIDENTIAL - Evaluation of FEPs
Subject Matter Description	R. Andrews is providing his information and analysis of excluded FEPs for counsel (J. Sweeney)
Authors	Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager

Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b> <b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Williams, Mark / DOE - OCRWM / Licensing Director</b>
Author Recipient Relationship	<b>The author is a senior DOE M&amp;O contractor personnel. The direct recipients are DOE counsel with a DOE official responsible for the subject matter of the communication.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney;</b> <b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070517.0876</b>
LSN Accession Number	<b>DN2002469335</b>
Doc Date	<b>20070214</b>
Title	<b>Fw: PRIVILEGED AND CONFIDENTIAL</b>
Subject Matter Description	<b>The subject matter of the email is a draft licensing strategy plan and matrices addressing docketing and licensing risks.</b>
Authors	<b>Kacich, Richard / DOE / OCRWM official</b> <b>Sproat, Edward / DOE - OCRWM / Director</b>
Recipients	<b>Bonano, Evaristo J./ Sandia National Laboratory / OCRWM contractor</b> <b>Feigenbaum, Ted / BSC / Manager</b> <b>Irwin, Donald/ Hunton &amp; Williams, LLP/ Attorney</b> <b>McKinney, Thomas / BSC / M&amp;O Contractor</b> <b>Neumayr, Mary / DOE / Attorney</b> <b>Tosetti, Richard / BSC /</b> <b>Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Warther, Robert / DOE / LA Manager</b> <b>Williams, Mark / DOE / Licensing Director</b>
Author Recipient Relationship	<b>The author and recipients, including attorneys from DOE's OGC and outside counsel, work on the license application and overall licensing strategy.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Comments on draft licensing-related documents such as the Strategy Management Plan and the Licensing Strategy and Risk Registers.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-client to attorney;</b> <b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070520.0698</b>
LSN Accession Number	<b>DN2002468847</b>
Doc Date	<b>20070306</b>
Title	<b>YM-6558-v1-Irrigation Recycling Analysis Memorandum</b>
Subject Matter Description	<b>Legal analysis Recycling of Accumulated Radionuclides from Soils to Groundwater</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>The author is an attorney with DOE's outside licensing counsel. The recipients are other DOE counsel who work on the</b>

	<b>YMP.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Whether the saturated zone and biosphere modeling of the LA must include effects of recycling of accumulated radionuclides from soils to groundwater</b>
Deliberation Explanation	<b>This memorandum addresses the basis for exclusion of irrigation recycling as a considered process of the Yucca Mountain Repository.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20070520.1802</b>
LSN Accession Number	<b>DN2002481361</b>
Doc Date	<b>20070301</b>
Title	<b>Fw: Privileged--Transportation Cask and Aircraft Hazards Decision Papers</b>
Subject Matter Description	<b>This email discusses the proposed methodology by which casks will be analyzed under the regulations for repository operations.</b>
Authors	<b>Freeman, Patricia / / Gunter, Timothy / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Team Member Kacich, Richard M. / DOE / OCRWM official Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Borella, Edward / BSC / M&amp;O Contractor Frank, Michael / / Fuller, Ed / BSC / Gunter, Timothy / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Team Member Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Howard, Danny / / Kouts, Christopher A. / DOE - OCRWM Office of Waste Acceptance, Storage &amp; Transportation / Storage &amp; Engineering Technology Division Group Member Lanthrum, Gary / DOE/OCRWM / Saldarini, James C. / Bechtel - SAIC / LA Project Manager/ OCRWM contractor Spezialetti, Bill / DOE/RW / OCRWM official Warther, Robert F. / DOE OCRWM / Federal LA Project Director Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director Williams, Mark H. / DOE OCRWM - Regulatory Authority Office / Director Wisenburg, Mark R. / BSC Repository Development - Licensing &amp; Analysis / OCRWM contractor</b>
Author Recipient Relationship	<b>The authors, Jeff Williams and Richard Kacich, are members of the YMP project. Their analysis and views have been forwarded to other members, both OCRWM personnel and OCRWM's contractors, who have responsibility over this subject matter area.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The information contained in this email contains a discussion and analysis of the Project's proposed methodology for analyzing casks under the regulations for repository operations. It does not reflect the Project's official position regarding this issue and is pre-decisional.</b>
Deliberation Explanation	<b>The email discussion reflects the authors' analysis and recommendations regarding the proposed methodology.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20070604.2615</b>
LSN Accession Number	<b>DN2002479165</b>
Doc Date	<b>20060125</b>
Title	<b>1.25.06 Thermal Management Decision Paper</b>

Subject Matter Description	<b>The document addresses the thermal implications of waste package loading.</b>
Authors	<b>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</b>
Recipients	<b>Gonzales, Jaime / DOE / OCRWM Official</b> <b>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director</b>
Author Recipient Relationship	<b>The author and recipients are DOE employees responsible for development of the project's position relative to thermal management strategy</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The contemplated decision relates to development of thermal management strategy to handle receipt of commercial spent nuclear fuel in TAD canisters</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>REPORT</b>

Participant Accession No.	<b>ALA.20070711.3003</b>
LSN Accession Number	<b>DN2002479047</b>
Doc Date	<b>20070506</b>
Title	<b>Note to Mark and Chris + Update Waste Form Paper</b>
Subject Matter Description	<b>The document concerns a draft position paper on the timing of waste form analyses.</b>
Authors	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b>
Recipients	<b>Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Borella, Edward / BSC / M&amp;O Contractor</b> <b>Ferris, David / DOE-OCRWM /</b> <b>Freeman, Patricia/BSC</b> <b>Hanlon, Carol/ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Kacich, Richard/DOE</b> <b>Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/</b> <b>Murphy, Edward/</b> <b>Saldarini, James / BSC /</b> <b>Siefken, David L./ BSC Repository Development - Program Integration/</b> <b>Thompson, Jeanne/BSC</b> <b>Williams, Mark/DOE OCRWM/licensing director</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the draft document that is the subject of email.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because it does not contain any factual analysis. It consists of the author's views of regulatory requirements.</b>
Doc Type	<b>EMAIL</b>

Participant Accession No.	<b>ALA.20070711.3098</b>
LSN Accession Number	<b>DN2002479241</b>
Doc Date	<b>20070507</b>
Title	<b>Fw: Privileged and Confidential:Draft Decision Paper on Igneous Criticality - Additional Info for discussion</b>
Subject Matter Description	<b>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 igneous events.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b>
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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 igneous 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**

Participant Accession No. **ALA.20070711.4008**

LSN Accession Number **DN2002479085**

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.**

Authors **Andrews, Robert W. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager**

Recipients **Borella, Edward / BSC / M&O Contractor**  
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**Fillmore, Robert M. / Hunton & Williams, LLP / Attorney**  
**Freeman, Patricia/BSC**  
**Goldstein, Barry / Sandia National Laboratory (SNL)**  
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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**

Participant Accession No. **ALA.20070711.6417**

LSN Accession Number **DN2002479037**

Doc Date **20070524**

Title **GONZALESL Subsurface Design and Waste Package CDR\_Rev 01\_with\_signatures**



Subject Matter Description	<b>This document is a draft of the Conceptual Design Report for the Subsurface Design and Waste Package sections of the draft LA/SAR</b>
Authors	<b>Bailey, Jack/ BSC Repository Development - Licensing Defense/ Gonzales, Lou/ BSC Repository Development - Design and Engineering/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Licensing Defense/ Suarez, Diego/ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>The authors are DOE M&amp;O contractor personnel and an OCRWM official. The recipients are also M&amp;O contractor personnel who have responsibility over the development of this version of the CDR.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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 dealing 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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070711.7273</b>
LSN Accession Number	<b>DN2002479151</b>
Doc Date	<b>20070530</b>
Title	<b>Subsurface Design and Waste Package CDR_Rev 02a_LG</b>
Subject Matter Description	<b>This is the Conceptual Design Report for the Subsurface Design and Waste Package sections of the LA/SAR.</b>
Authors	<b>Bailey, Jack/ BSC Repository Development - Licensing Defense/ Gonzales, Lou/ BSC Repository Development - Design and Engineering/ Saldarini, James/ BSC/LA Project Manager Warther, Robert/ DOE/RW/Federal LA Project Director</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Licensing Defense/ Suarez, Diego/ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>The authors are DOE M&amp;O contractor personnel and an OCRWM official. The recipients are also M&amp;O contractor personnel who have responsibility over the development of this draft document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070711.7288</b>
LSN Accession Number	<b>DN2002457679</b>
Doc Date	<b>20070529</b>
Title	<b>LL Licensing Management Review of SAR Issues Identified in Minutes Provided on May 16, 2007</b>
Subject Matter Description	<b>The document concerns the regulatory argument supporting the use of present day climate conditions in the calculation of constant BDCF's for the period of geologic stability.</b>
Authors	<b>Burford, Jerry / Sandia /</b>
Recipients	<b>Goldstein, Barry / Sandia National Laboratory (SNL) / OCRWM contractor</b>

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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.20070831.0972**

LSN Accession Number **DN2002470329**

Doc Date **20040623**

Title **PATH FORWARD ON 10CFR21.DOC**

Subject Matter Description **Application of 10 CFR 21 to NNPP contractors**

Authors **Putzu, Frank A. / Department of the Navy - Naval Sea Systems Command / Attorney**

Recipients **Beckett, Thomas H. / Naval Reactors / Deputy Director  
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Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /  
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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 Number **DN2002469931**

Doc Date	20060524
Title	PRIVILEGED: Re: NRC TPA 4.1j Seismic and Faulting Models
Subject Matter Description	Seismic and Faulting Models
Authors	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
Recipients	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Fish, Robert / MTS - Post Closure Safety Analysis / Booz Allen Hamilton (BAH) Mechanical Engineer Fish, Robert / MTS - Post Closure Safety Analysis / Booz Allen Hamilton (BAH) Mechanical Engineer Gil, April V. / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Gross, Mike / SNL / Hanlon, Carol / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Team Member Lee Kern / / Lugo, Candace L. / BSC Repository Development - Regulatory Compliance / BSC Principal Scientist II Matthusen, August C. / BSC Repository Development - Science Integration / BSC Science Specialist McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Nutt, William M. / MTS - Post Closure Safety Analysis / Golder Associates Team Lead Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I Roselle, Gregory / SNL / Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member 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
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
Participant Accession No.	ALA.20070910.0317
LSN Accession Number	DN2002470358
Doc Date	20070322
Title	CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM (CRWMS) MASTER RISK REGISTER
Subject Matter Description	Document identifies and analyzes risks in licensing proceedings and provides litigation strategy and recommended courses of action regarding same.
Authors	Harbert, Kevin Various YMP Personnel
Recipients	OCRWM Licensing Manager
Author Recipient Relationship	The authors and recipients are YMP personnel tasked with making strategy recommendations regarding positions taken in the licensing proceedings.
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	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070912.1084</b>
LSN Accession Number	<b>DN2002469334</b>
Doc Date	<b>20060908</b>
Title	<b>COMMENTS ON SPROAT KEY ISSUES</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Follin, James N. / Bettis - Environmental, Safety, and Health / Manager</b>
Recipients	<b>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</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>E-MAIL</b>
Participant Accession No.	<b>ALA.20070912.1114</b>
LSN Accession Number	<b>DN2002469948</b>
Doc Date	<b>19010101</b>
Title	<b>WHITE PAPER PRECLOSURE CRITICALITY EVALUATIONS USE OF PROBABILISTIC TECHNIQUES</b>
Subject Matter Description	<b>The subject matter of the white paper is the use of probabilistic techniques for preclosure criticality evaluations</b>
Authors	<b>Bettis / NNPP contractor</b>
Recipients	<b>Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Carey, Andy M. / Knolls Atomic Power Laboratory / Manager Dei, Donald E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gideon, Willard / Knolls - Advanced Reactors Nuclear Design / Advisory Engineer Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis Holden, Gregory F. / Naval Reactors / Hunter, Melissa A. / Bettis - Safety Assessments / Manager Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis Nanko, Laura / Bettis - Pittsburgh Naval Reactors / Rath, Dean J. / Bettis - MDP / Schramm, Bruce J. / Bettis - Environmental, Safety, and Health / Manager Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</b>
Author Recipient Relationship	<b>The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The contemplated decision relates to use of probabilistic techniques for preclosure criticality evaluations as well as the resulting structure of SAR section 1.14.</b>
Deliberation Explanation	<b>The document describes and discusses the issue and makes a recommendation for decision based upon the evaluation set forth in the document.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALA.20070912.1222</b>
LSN Accession Number	<b>DN2002470019</b>
Doc Date	<b>20070510</b>
Title	<b>HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS</b>
Subject Matter Description	<b>The document concerns options on HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS for purposes of the license proceeding.</b>
Authors	<b>Angerhofer, Todd E. / Naval Reactors /</b>
Recipients	<b>Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Dei, Donald E. / Naval Reactors / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Funk, Richard H. / / Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Rath, Dean J. / Bettis - MDP / Roberts, Thomas E. / / Sperduto, Laura A. / /</b>
Author Recipient Relationship	<b>The author is an NNPP officials, and the recipients are NNPP personnel and NNPP contractors who have responsibility for the referenced subject matter.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what options DOE should adopt for the treatment of NNPP LWBR in the post-closure source term calculations.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>E-MAIL W/ ATTACHMENT</b>
Participant Accession No.	<b>ALA.20070912.1225</b>
LSN Accession Number	<b>DN2002469809</b>
Doc Date	<b>20070510</b>
Title	<b>HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS</b>
Subject Matter Description	<b>HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS</b>
Authors	<b>Angerhofer, Todd E. / Naval Reactors / Dei, Donald E. / Naval Reactors / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager</b>
Recipients	<b>Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Dei, Donald E. / Naval Reactors / Funk, Richard H. / / Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Rath, Dean J. / Bettis - MDP / Roberts, Thomas E. / / Sperduto, Laura A. / /</b>
Author Recipient Relationship	<b>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..</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document addresses the decision to be made on the manner in which LWBR will be handled in postclosure source term calculations.</b>
Deliberation Explanation	<b>This document provides the authors' recommendations and opinions concerning how to handle LWBR in the postclosure source term calculations.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>E-MAIL</b>
Participant Accession No.	<b>ALA.20070912.1229</b>
LSN Accession Number	<b>DN2002470983</b>



Doc Date	<b>20070511</b>
Title	<b>HOW TO HANDLE LWBR IN THE POSTCLOSURE SOURCE TERM CALCULATIONS</b>
Subject Matter Description	<b>Email correspondence among NNNP, YMP, and contractor personnel with responsibility for making decision regarding how to handle LWBR in the postclosure source term calculations.</b>
Authors	<b>Angerhofer, Todd E. / Naval Reactors / Dei, Donald E. / Naval Reactors / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Holden, Gregory F. / Naval Reactors /</b>
Recipients	<b>Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Dei, Donald E. / Naval Reactors / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Funk, Richard H. / / Holden, Gregory F. / Naval Reactors / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Rath, Dean J. / Bettis - MDP / Roberts, Thomas E. / / Sperduto, Laura A. / /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Involves the position that will be taken in the LA regarding how to handle LWBR in the postclosure source term calculations.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>E-MAIL</b>
Participant Accession No.	<b>ALA.20070914.0105</b>
LSN Accession Number	<b>DN2002469494</b>
Doc Date	<b>20070215</b>
Title	<b>CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM (CRWMS) MASTER RISK REGISTER</b>
Subject Matter Description	<b>This matrix identifies licensing risks.</b>
Authors	<b>Harbert, Kevin / / Various Project Personnel</b>
Recipients	<b>OCRWM Licensing Management</b>
Author Recipient Relationship	<b>The authors and recipients are project personnel supporting the YMP with licensing responsibility.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The DP decision information includes identification of licensing risks, analysis of those risks, and identifying possible responses to those risks.</b>
Deliberation Explanation	<b>The information provided in this document provides the context for evaluating licensing risks and evaluating responses to those risks.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA PACKAGE</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070918.0307</b>
LSN Accession Number	<b>DN2002470215</b>
Doc Date	<b>20060420</b>
Title	<b>URGENT ---HEADS UP---NEED REACTION TO SEE IF NEED FRIDAY MEETING</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Franklin, David / Naval Nuclear Propulsion Program / Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</b>
Recipients	<b>Angerhofer, Todd E. / Naval Reactors /</b>



Dei, Donald E. / Naval Reactors /  
Franklin, David / Naval Nuclear Propulsion Program /  
Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager  
McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs  
Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head  
Woodberry, Robert A. / Naval Reactors /

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

Participant Accession No.	ALA.20070918.0423
LSN Accession Number	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.
Authors	Angerhofer, Todd 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 Harman, Jason M. / Naval Reactors /

Recipients	Angerhofer, Todd E. / Naval Reactors / Daniels, Robert / Bettis Atomic Power Laboratory / 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 Harman, Jason M. / Naval Reactors /
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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

Participant Accession No.	ALA.20070918.0481
LSN Accession Number	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
Authors	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 / Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager 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

	<b>Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</b>
Recipients	<b>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Ward, John S, III/NNPP</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document on which this document contains comments sets forth recommended draft licensing positions for consideration and adoption by DOE.</b>
Deliberation Explanation	<b>The document provides comments and recommendations on a draft licensing position that is being prepared for DOE's decision.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA REPORT</b>
Participant Accession No.	<b>ALA.20070918.0492</b>
LSN Accession Number	<b>DN2002470072</b>
Doc Date	<b>20070303</b>
Title	<b>FINALIZING CLAD-CREDIT POSITION</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Franklin, David G. III / Naval Reactors / Manager, Yucca Mountain Resident Office</b>
Recipients	<b>Angerhofer, Todd E. / Department of the Navy - Naval Sea Systems Command / Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer Clark, Steven / BSC/BSC / 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 Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Holden, Gregory F. / Naval Reactors / Howard, Cliff / Sandia National Laboratory / OCRWM Contractor Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command / Salgado, Lorenzo / /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>E-MAIL</b>
Participant Accession No.	<b>ALA.20070918.0513</b>
LSN Accession Number	<b>DN2002470217</b>
Doc Date	<b>20070601</b>
Title	<b>PRIVILEGED DECISION PAPER ON ALLY 22</b>
Subject Matter Description	<b>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 Alloy 22 composition ranges.</b>
Authors	<b>Dei, Donald E. / Naval Reactors / Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</b>

	<b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b>
Recipients	<b>Andes, John A. / Bettis - Pittsburgh Naval Reactors /</b> <b>Angerhofer, Todd E. / Naval Reactors /</b> <b>Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer</b> <b>Carey, Andy M. / Knolls Atomic Power Laboratory / Manager</b> <b>Dei, Donald E. / Naval Reactors /</b> <b>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</b> <b>Feigenbaum, Ted / BSC /</b> <b>Follin, James N. / Bettis - Environmental, Safety, and Health / Manager</b> <b>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</b> <b>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</b> <b>Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</b> <b>Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member</b> <b>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</b> <b>Holden, Gregory F. / Naval Reactors /</b> <b>Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis</b> <b>McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs</b> <b>Nanko, Laura / Bettis - Pittsburgh Naval Reactors /</b> <b>Orrell, Andrew / BSC Repository Development - Systems Engineering &amp; Integration / Sandia National Laboratory (SNL) Team Member</b> <b>Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /</b> <b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b> <b>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</b> <b>Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis</b> <b>Ward, John / /</b> <b>Williams, Mark H. / DOE /</b> <b>Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</b>
Author Recipient Relationship	<b>NR personnel R. Gisch is providing information to his supervisor about the NR's proposed path forward on this issue.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>E-MAIL</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070921.0192</b>
LSN Accession Number	<b>DN2002468968</b>
Doc Date	<b>20070423</b>
Title	<b>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</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager</b>
Recipients	<b>Angerhofer, Todd E. / Naval Reactors /</b> <b>Benson, Carl J. / Bettis - Environmental, Safety, and Health /</b> <b>Carey, Andy M. / Knolls Atomic Power Laboratory / Manager</b> <b>Dei, Donald E. / Naval Reactors /</b> <b>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</b> <b>Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</b> <b>Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis</b> <b>Holden, Gregory F. / Naval Reactors /</b> <b>Huyett, John D.//</b> <b>Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities /</b> <b>Lehm, Alan C.//</b> <b>McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs</b>

Ward, John S.//

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

Author Recipient Relationship	<b>The author is a DOE M&amp;O contractor personnel for the YMP. The recipients are NNPP and NNPP contractor personnel who work on YMP matters.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document identifies four options on the topic and provides the author's subjective comments and recommendations regarding them.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA REPORT</b>
Participant Accession No.	<b>ALA.20071203.0010</b>
LSN Accession Number	<b>DEN001568589</b>
Doc Date	<b>20070924</b>
Title	<b>RELIABILITY DECISION PAPER FOR 09/26/XXXX LICENSING STRATEGY TEAM MEETING</b>
Subject Matter Description	<b>Email correspondence among DOE officials and contractors, and DOE attorneys and outside counsel, regarding a draft Decision Paper on the Basis for Reliability Inputs to PCSA, TSPA, and Design.</b>
Authors	<b>Boyle, William J / DOE / OCRWM official Follin, James N. / NNPP subcontractor Franklin, David G. III / NNPP official Hanlon, Carol / DOE / OCRWM official McKenzie, John M. / NNPP official</b>
Recipients	<b>Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Beckman, Donald / BSC / M&amp;O subcontractor - Beckman &amp; Associates (B&amp;A) or (BAA) Bonano, Evaristo J. / Sandia National Laboratory (SNL) / Lead Lab personnel Borella, Edward / / BSC / M&amp;O Contractor personnel Boyle, William J. / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Callan, L. Joseph / / Nuclear Safety Consultant Carey, Andy M. / Advanced Reactors - Nuclear Design / Manager Clause, Lorelee / DOE / OCRWM personnel Davis, Shirley / DOE / OCRWM personnel Dyer, Russel J. / DOE / OCRWM Office of Repository Development / Acting Deputy Director Eisenhut, Darrell / / Consultant Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gil, April V. / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Director Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Golay PhD, Michael W. / MIT-Dept of Nuclear Science &amp; Engineering / Professor Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holden, Gregory F. / Naval Reactors / Howard, Danny / BSC / M&amp;O subcontractor personnel Irwin, Donald / Hunton &amp; Williams, LLP / Attorney Kacich, Richard M. / BSC Repository Development - Licensing and Nuclear Safety / Manager Knowles, Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Environmental Transport Team/Special Projects Lead Knox, Eric K. / DOE/OCRWM / Deputy Director Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / Director Kuprenas, Michael A. / Naval Reactors / Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activity / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors / Neumayr, Mary / DOE / Office of General Counsel / Attorney Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I</b>

Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /  
 Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer  
 Roberts, Thomas / Naval Reactors /  
 Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I  
 Sproat, Edward F. III / DOE - OCRWM / Director  
 Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney  
 Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis  
 Ward, John / Naval Reactors /  
 Warther, Robert F. / DOE OCRWM / Federal LA Project Director  
 Weber, Ellyn/ DOE / OCRWM personnel  
 Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director  
 Willis, Clarence R. / Bettis - Nuclear Engineering / Manager

Author Recipient Relationship	Authors and recipients are DOE employees, contractors, attorneys, and outside attorneys responsible for the subject draft Decision Paper and the positions taken therein.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Positions to be taken in the licensing proceedings, and decisions to be made regarding the Basis for Reliability Inputs to PCSA, TSPA, and Design.
Deliberation Explanation	The authors are providing recommendations, opinions, and advice on the proposed licensing positions as described in the Decision Paper regarding the Basis for Reliability Inputs to PCSA, TSPA, and 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	This document cannot be redacted because any factual information 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	E-MAIL
Participant Accession No.	ALB.20040612.0558
LSN Accession Number	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.
Authors	Linden, Christine L./ BSC Repository Development - Analysis and Component Design/
Recipients	Parik, Sharad (Steve) R. / Bechtel / OCRWM contractor
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 M&O 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
Participant Accession No.	ALB.20040618.6044
LSN Accession Number	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.
Authors	Saulnier, George/BSC
Recipients	Blink, James / BSC Repository Development / Dobson, David / BSC Repository Development / Goldstein, Barry / BSC Repository Development / Howard, Robert L. / BSC Repository Development / Meacham, Paul / BSC Repository Development / Monib, Ahmed M. / BSC Repository Development / Rickertsen, Larry D./ BSC Repository Development - Conversion/ Swift, Peter N. / BSC Repository Development /



Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALB.20040618.9576</b>
LSN Accession Number	<b>DN2002336642</b>
Doc Date	<b>20031224</b>
Title	<b>D&amp;E_121_review</b>
Subject Matter Description	<b>Section 1.2.1 Surface Operations Overview (Yucca Mountain Repository Safety Analysis Report; Chapter 1: Repository Safety Before Permanent Closure)</b>
Authors	<b>Caulfield, Frank / BSC / Frankert, Thomas / BSC / Kahler, Norm / BSC /</b>
Recipients	<b>Schwartztrauber, Keith E. / BSC Repository Development - Engineering Production / BSC Project Engineer</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALB.20040621.0695</b>
LSN Accession Number	<b>DN2002334839</b>
Doc Date	<b>20040402</b>
Title	<b>lr_sar_135 (reformatted)</b>
Subject Matter Description	<b>The document is a draft of section 1.3.5 of the draft LA.</b>
Authors	<b>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Recipients	<b>Dokuzoguz, Halit / BSC / Gordon, Francine / BSC / Graf, Tammy / BSC / McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST</b>



**REPORT**

Participant Accession No.	<b>ALB.20040621.0697</b>
LSN Accession Number	<b>DN2002332199</b>
Doc Date	<b>20040402</b>
Title	<b>lr_sar_135_tables (reformatted)</b>
Subject Matter Description	<b>The document is a draft of the tables that are part of section 1.3.5 of the draft LA.</b>
Authors	<b>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Recipients	<b>Dokuzoguz, Halit / / Gordon, Francine / / Graf, Tammy / / McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST</b>

Participant Accession No.	<b>ALB.20040621.1783</b>
LSN Accession Number	<b>DN2002336893</b>
Doc Date	<b>20040227</b>
Title	<b>1.5.3.3 WPC review</b>
Subject Matter Description	<b>1.5.3.3 DHLW &amp; DOE Spent Nuclear Fuel Waste Packages</b>
Authors	<b>Linden, Christine L./ BSC Repository Development - Analysis and Component Design/ McDonnell, Thomas/ DOE-OCRWM /</b>
Recipients	<b>Anderson, Michael J./ BSC Repository Development - Analysis and Component Design/ Chagnon, Carl W./ BSC Repository Development - Analysis and Component Design/ Cogar, Jerry/BSC Repository Development Meszaros, Christine / BSC /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document addresses the positions that should be taken by DOE in the SAR section respecting waste packages.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.4387</b>
LSN Accession Number	<b>DN2002333562</b>
Doc Date	<b>20040204</b>
Title	<b>D&amp;E_1232_B_review</b>
Subject Matter Description	<b>D&amp;E_1232_B_review, Yucca Mountain Repository Safety Analysis Report, Preliminary Draft, Chapter 1: Repository Safety Before Permanent Closure</b>
Authors	<b>McDonnell, Thomas / /</b>
Recipients	<b>Dokuzoguz, Halit / BSC / Honaker, Raymond / BSC /</b>

**Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist  
Meszaros, Christine / BSC /**

Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.4571</b>
LSN Accession Number	<b>DN2002330616</b>
Doc Date	<b>20040227</b>
Title	<b>1.5.3.3 WPC review</b>
Subject Matter Description	<b>1.5.3.3 DHLW &amp; DOE Spent Nuclear Fuel Waste Packages</b>
Authors	<b>Linden, Christine L./ BSC Repository Development - Analysis and Component Design/</b>
Recipients	<b>McDonnell, Thomas / BSC / Meszaros, Christine / BSC /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.5497</b>
LSN Accession Number	<b>DN2002335693</b>
Doc Date	<b>20040123</b>
Title	<b>04_0115 D&amp;E_1451_A011404 Air</b>
Subject Matter Description	<b>The document concerns section 1.4.5 of the draft LA, which concerns the proposed plant services to be at the YM repository.</b>
Authors	<b>Blois, Michael D./ BSC Repository Development - Conversion/</b>
Recipients	<b>McDonnell, Thomas /BSC Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns the proposed plant services DOE should adopt to have at the YM repository.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT</b>

**LIST  
REPORT**

Participant Accession No.	<b>ALB.20040621.6148</b>
LSN Accession Number	<b>DN2002337519</b>
Doc Date	<b>20040227</b>
Title	<b>sar_2.2 text DrftA_BHastings</b>
Subject Matter Description	<b>The subject matter of the document is draft SAR section 2.2 on Scenario Analysis and Event Probability.</b>
Authors	<b>Hastings, Bruce/ BSC Repository Development - Integration/</b>
Recipients	<b>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</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft SAR section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.6220</b>
LSN Accession Number	<b>DN2002335323</b>
Doc Date	<b>20040223</b>
Title	<b>1.2.3.2B-DE Consol</b>
Subject Matter Description	<b>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.</b>
Authors	<b>McDonnell, Thomas / BSC</b>
Recipients	<b>Dokuzoguz, Halit / BSC Honaker, Raymond / BSC Kumar, Paul A. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist Meszaros, Christine / BSC</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.6930</b>
LSN Accession Number	<b>DN2002481348</b>
Doc Date	<b>20040303</b>
Title	<b>Re: Licensing comments on SAR Section 1.4.1.1 Draft B</b>
Subject Matter Description	<b>This email conveys Augusto Zoleta's comments and recommended changes to SAR section 1.4.1.1 (Electric Power).</b>
Authors	<b>McDonnell, Thomas / DOE-OCRWM / OCRWM official</b>
Recipients	<b>Dokuzoguz, Halit / DOE-CRWS / OCRWM official</b>

Honaker, Raymond / DOE-CRWMS / OCRWM official  
Meszaros, Christine / DOE-CRWMS / OCRWM official  
Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist / OCRWM contractor

Author Recipient Relationship	The author and recipients are YMP who are responsible for the draft LA section.
Determining Official	Ronald Milner / OCRWM / Chief Operating Officer
DP Decision Information	This document conveys the author's recommended changes to 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 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 (FACT); LWP-other (OPINION)

Participant Accession No.	ALB.20040621.7251
LSN Accession Number	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
Authors	Knapp, Kathryn / MTS - Regulatory / Booz Allen Hamilton (BAH) Senior Environmental Engineer/Scientist
Recipients	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

Participant Accession No.	ALB.20040621.9317
LSN Accession Number	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.
Authors	McIlvaine, Jim/ BSC Repository Development - License Application/
Recipients	Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/
Author Recipient Relationship	Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections
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 Number	DN2002331268

Doc Date	<b>20040310</b>
Title	<b>lr_sar_1412jbmcomments</b>
Subject Matter Description	<b>The document concerns the proposed electrical support system for the YM repository (draft SAR section 1.4.1.2).</b>
Authors	<b>McIlvaine, Jim / BSC Repository Development - Licensing &amp; Analysis / License Application/LA Configuration Control Team Member</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040621.9319</b>
LSN Accession Number	<b>DN2002337375</b>
Doc Date	<b>20040310</b>
Title	<b>lr_sar_1421jbmcomments</b>
Subject Matter Description	<b>The document concerns the proposed digital control and management information system for the YM repository (Section 1.4.2.1).</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/</b> <b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040621.9320</b>
LSN Accession Number	<b>DN2002332000</b>
Doc Date	<b>20040310</b>
Title	<b>lr_sar_1422jbmcomments</b>
Subject Matter Description	<b>The document concerns the proposed radiation-radiological monitoring system for the YM repository.</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/</b> <b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>

Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040621.9321</b>
LSN Accession Number	<b>DN2002479181</b>
Doc Date	<b>20040310</b>
Title	<b>lr_sar_1423jbmcomments</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report, Chapter 1: Repository Safety Before Permanent Closure (Section 1.4.2.3 Environmental-Meteorological Monitoring System)</b>
Authors	<b>McIlvaine, Jim / BSC Repository Development - Licensing &amp; Analysis / License Application/LA Configuration Control Team Member</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>The author is a DOE M&amp;O contractor personnel. The recipients are M&amp;O contractor personnel with responsibility for developing this section of the draft SAR.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040621.9322</b>
LSN Accession Number	<b>DN2002332721</b>
Doc Date	<b>20040310</b>
Title	<b>lr_sar_1424jbmcomments</b>
Subject Matter Description	<b>The document concerns the proposed communication system for the YM repository (SAR section 1.4.2.4.1).</b>
Authors	<b>McIlvaine, Jim/ BSC Repository Development - License Application/</b>
Recipients	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/ Self, Jerry G./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft sections.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040621.9450</b>
LSN Accession Number	<b>DN2002334272</b>
Doc Date	<b>20040315</b>
Title	<b>lr_sar_144</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Therein, Maria/BSC</b>
Recipients	<b>Dearmin, Jennifer A. / BSC Repository Development - Document Development &amp; Production / BSC Technical</b>



**Writer/Editor II****Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist****Kutzer, John F. / BSC Repository Development /****Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist**

Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20040621.9649</b>
LSN Accession Number	<b>DN2002334745</b>
Doc Date	<b>20040226</b>
Title	<b>D&amp;E_141_B022304 (LAP comments)</b>
Subject Matter Description	<b>The subject matter is section 1.4.1 (Electric Power) of the draft SAR and consolidated Design Engineering comments on this draft section.</b>
Authors	<b>Kuo, Chang / BSC / McDonnell, Thomas Self, Jerry G./ BSC Repository Development - Conversion/ Zoleta, Augusto</b>

Recipients	<b>Barangar, Nico Bryan, Martin C/ BSC Repository Development - LA Completion/ Dokuzoguz, Halit / DOE-CRWMS / Honaker, Raymond / DOE-CRWMS / Meszaros, Christine / DOE-CRWMS / Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist</b>
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Author Recipient Relationship	<b>Authors and recipients are DOE employees or contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALB.20040824.2168</b>
LSN Accession Number	<b>DN2002331194</b>
Doc Date	<b>20040619</b>
Title	<b>Re: SAR COMMENT ON 1.45 Kw/M</b>
Subject Matter Description	<b>Comments on draft SAR section 1.45</b>
Authors	<b>Anderson, Michael J. / BSC Repository Development - Engineering Production / BSC Principal Engineer 1</b>
Recipients	<b>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Chagnon, Carl W. / BSC Repository Development - Engineering Production / BSC Project Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer</b>

Hardin, Ernest / Berlday & Sandia Laboratories / OCRWM Contractor  
 Keller, Roger L. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist  
 Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director  
 Mecham, Delwin / DOE-CRWMS /  
 Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist  
 Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead

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 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
Participant Accession No.	ALB.20040824.2734
LSN Accession Number	DN2002331851
Doc Date	20040612
Title	trcd_sar_55 rev1 6-12-04
Subject Matter Description	Redline comments and mark-ups of Preliminary Draft Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative and Programmatic Requirements, 5.5 Plans for Initial Startup Activities & Testing
Authors	DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /
Recipients	Bailey, Jack / BSC Repository Development / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Hutchins, William / BSC Repository Development - Licensing / Beckman & Associates (B&A) or (BAA) Program Regulatory Integration Lead Iorii, Vince / / Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Anaylst/Modeler Whetsel, Randy / BSC Repository Development - Licensing / Regulatory Coordination/Program Regulatory Integration Team Member
Author Recipient Relationship	The author is a DOE M&O contract personnel. The recipients are DOE counsel, DOE officials, and DOE M&O contractor personnel with responsibility for the subject matter of the communication.
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 Number	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
Authors	Perman, Roseanne / Geomatrix Consultants, Inc. / Senior Geologist
Recipients	Blair, Stephen C. / Lawrence Livermore National Laboratory (LLNL) / Lawrence Livermore National Laboratory (LLNL) Physicist Board, Mark P. / BSC Repository Development - Engineering Systems & Disruptive Events Operations / ITASCA Consulting Group, Inc. Scientist Quittmeyer, Richard C. / BSC Repository Development - Disruptive Events / Integrated Science Solutions, Inc. (ISSI)

	<b>Principal Scientist</b> <b>Winborn, Carlos / Geomatrix</b>
Author Recipient Relationship	<b>The author and recipients are DOE outside contractors with responsibilities for the draft document that is the subject of comments.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>MANUAL</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040824.3059</b>
LSN Accession Number	<b>DN2002329117</b>
Doc Date	<b>20040623</b>
Title	<b>SAR Section 1.4.5 Revised Draft 2</b>
Subject Matter Description	<b>The document is a draft of section 1.4.5 of the draft LA, which concerns a proposed low-level radioactive waste management system for the YM repository.</b>
Authors	<b>Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Recipients	<b>Blois, Michael D./ BSC Repository Development - Conversion/</b> <b>Gardiner, James T./ BSC Repository Development - Mechanical Engineers/</b> <b>Holt Jr., Robert D./ BSC Repository Development - BOP PE/</b> <b>Skorska, Maria B./ BSC Repository Development - Engineering Production/</b> <b>Stock, Max/BSC</b> <b>VanDillen, Pat / BSC</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The document provides the author's opinions on what low-level radioactive waste management system should be included in the LA, and how that system should be described in the LA, prepared for submittal to DOE for consideration.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALB.20040824.5848</b>
LSN Accession Number	<b>DN2002335954</b>
Doc Date	<b>20040621</b>
Title	<b>Licensing Position for Dose Limits - modifications</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Eadie, Gregory/ BSC Repository Development - Conversion/</b>
Recipients	<b>Bastian, Thomas/ BSC Repository Development - Design and Engineering/</b> <b>Dunn, Thomas / BSC</b> <b>Holder, Richard H./ BSC Repository Development - Environmental Scientist/Engineer/</b> <b>Junio, Stacy S./ BSC Repository Development - Program Health Physicists/</b> <b>Richardson, Dennis C. / BSC Repository Development - Pre-Closure Design Integration Team / BSC Project Engineer</b> <b>Wisenberg, Mark/BSC</b>
Author Recipient Relationship	<b>The author is a YMP M&amp;O contractor personnel. The recipients are other YMP M&amp;O contractor personnel with responsibility for the draft position paper on which the author is commenting.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALB.20040824.6096</b>
LSN Accession Number	<b>DN2002338101</b>
Doc Date	<b>20040621</b>
Title	<b>Re: Draft Activity Write-Ups - Section 3</b>
Subject Matter Description	<b>The document concerns the proposed performance confirmation plan for the YM repository.</b>
Authors	<b>Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Weaver, Douglas / SNL /</b>
Recipients	<b>Barr, Deborah L./ DOE - OCRWM Postclosure and License Acquisition/ Henning, Roger J./ BSC Repository Development - AMR Completion/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Weaver, Douglas / SNL /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document provides the recommendations of counsel on the referenced topic, and then provides a proposed response for consideration by DOE.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20040824.6365</b>
LSN Accession Number	<b>DN2002331696</b>
Doc Date	<b>20040620</b>
Title	<b>section_2.3.9.2.1.4_comments_tynan</b>
Subject Matter Description	<b>The document concerns draft section 2.3.9.2.1.4 of the draft LA.</b>
Authors	<b>Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist</b>
Recipients	<b>Arnold, Bill W. / Sandia National Laboratory / Eddebarh, Al / SNL / Rehfeldt, Kenneth / SNL / Zhu, Ming / BSC Repository Development - Integration / Integrated Science Solutions, Inc. (ISSI) Principal Scientist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALB.20040824.8243</b>
LSN Accession Number	<b>DN2002338169</b>
Doc Date	<b>20040419</b>

Title	<b>Re: LA Technical Team Review Notification, LA SAR Section 2.2</b>
Subject Matter Description	<b>LA Technical Team Review Notification, LA SAR Section 2.2</b>
Authors	<b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Weaver, Marshall/ BSC Repository Development - Systems Engineering &amp; Integration/</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/ Dobson, David / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Franks, Douglas/ BSC Repository Development - Subcontractor Department/ Goldstein, Barry / BSC Repository Development - Integration / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Kell, Patty/ SNL/ Kutzer, John F./ BSC Repository Development - LA Completion/</b>
Author Recipient Relationship	<b>The author is a DOE M&amp;O contractor personnel. The recipients are other M&amp;O contractor personnel with responsibility over the development of the draft SAR section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040903.0750</b>
LSN Accession Number	<b>DN2002337034</b>
Doc Date	<b>20040728</b>
Title	<b>Re: A SAR matter related to the Preliminary Estimates/Environmental Report -- Privileged</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy /</b>
Recipients	<b>Boyle, William J/ DOE - OCRWM Office of Repository Development/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ Sassani, David C./ MTS - Performance Assessment/Science/ Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head Sweeney, Janine/ DOE - Office of General Counsel (OGC)/attorney Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20040903.2726</b>
LSN Accession Number	<b>DN2002334182</b>
Doc Date	<b>20040827</b>
Title	<b>NAS quotes</b>
Subject Matter Description	<b>The document concerns strategies DOE could pursue in response to the court of appeal decision invalidating EPA regulations.</b>
Authors	<b>Voegele, Michael D./ BSC Repository Development - Chief Science Officer/</b>
Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b>



Author Recipient Relationship	<b>The author is an DOE M&amp;O contractor personnel. The author is an DOE official responsible for preparation of the LA.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what response DOE could take in response to the court of appeal decision invalidating EPA regulations.</b>
Deliberation Explanation	<b>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 response to the court of appeals' decision.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Participant Accession No.	<b>ALB.20040903.5806</b>
LSN Accession Number	<b>DN2002330170</b>
Doc Date	<b>20040715</b>
Title	<b>SAR 2.2.1.4.2.3 R07152004 DAS</b>
Subject Matter Description	<b>Comments on draft SAR Section 2.2.1.4.2.3.</b>
Authors	<b>Salmon, David A. / BSC Repository Development - KTI Completion Team / BSC Senior Science Specialist</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development / Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALB.20040903.6309</b>
LSN Accession Number	<b>DN2002469289</b>
Doc Date	<b>20040719</b>
Title	<b>TSPA13.10resp_H&amp;W_CC</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Hunton &amp; Williams, LLP</b>
Recipients	<b>Kordyak, Angela/ DOE - Office of General Counsel (OGC)/ Attorney Andrews, Robert W. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Beach, Charles /DOE/ Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Bodvarsson, Gudmundur S. / BSC Repository Development - Performance Assessment / Lawrence Berkeley National Laboratory (LBNL) LBNL Lab Lead Geller, Jill / BSC / Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Meacham, Paul / BSC Repository Development - LA Document Management / Integrated Science Solutions, Inc. (ISSI) Technical Specialist Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist Salmon, David A. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Science Specialist Spycher, N/BSC Sweeney, Toney /DOE/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft licensing-related document and its form and content.</b>
Deliberation Explanation	<b>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</b>



	<b>comments.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALB.20041227.0113</b>
LSN Accession Number	<b>DN2002336653</b>
Doc Date	<b>20040818</b>
Title	<b>SAR Section 1.4.3 Post Chapter Review Draft Tables</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist</b>
Recipients	<b>Ashley, Glen / BSC / Group Lead Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager Kubicek, John /BSC Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20041227.0114</b>
LSN Accession Number	<b>DN2002331729</b>
Doc Date	<b>20040818</b>
Title	<b>SAR Section 1.4.3 Post Chapter Review Draft</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Minwalla, Homi J. / BSC Repository Development - LA Configuration Control / BSC Senior Engineering Specialist</b>
Recipients	<b>Ashley, Glen / BSC / Group Lead Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager Kubicek, John /BSC Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>

Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20041227.4452</b>
LSN Accession Number	<b>DN2002332586</b>
Doc Date	<b>20040818</b>
Title	<b>cr_sar_152 DAT 08142004</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Acree, Patrick/DOE OCRWM</b>
Recipients	<b>Ferris, David / DOE-OCRWM / McIlvaine, Jim / BSC Repository Development - Licensing &amp; Nuclear Safety / LA Completion Team Member Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALB.20041227.6697</b>
LSN Accession Number	<b>DN2002336368</b>
Doc Date	<b>20040810</b>
Title	<b>SAR Section 1.4.2 Post Chapter Review Draft</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Recipients	<b>Gonzales, Jorge / BSC / M&amp;O Contractor Holt Jr., Robert D./ BSC Repository Development - BOP PE/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALB.20050323.1819</b>
LSN Accession Number	<b>DN2002331222</b>
Doc Date	<b>20041025</b>
Title	<b>Re: QA: NA</b>
Subject Matter Description	<b>Attorney comments and discussion concerning draft SAR section 2.2</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Recipients	<b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b>

Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney  
Irwin, Donald / Hunton & Williams, LLP / Attorney  
Rinaca, James / 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 Number	DN2002334175
Doc Date	20041004
Title	CONFIDENTIAL/ATTORNEY-CLIENT PRIVILEGE
Subject Matter Description	Attorney comments and opinions on referenced strawman for a decision of DOE's position on peak dose in the Environmental Report and the relevant portion of the LA.
Authors	Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney
Recipients	Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Irwin, Donald / Hunton & Williams, LLP / Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Acting Head Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Zeugin, Lee / Hunton & Williams, LLP / Attorney

Author Recipient Relationship	The author is a DOE Office of General Counsel attorney who works on Yucca Mountain Project matters. The recipients are DOE OCRWM personnel with responsibility for the draft document that is the subject of counsel's advice as well as DOE OGC who work on YMP matters and DOE outside counsel for the YMP.
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 Number	DN2002338091
Doc Date	20040608
Title	Comments SAR 1-5-1
Subject Matter Description	Memorandum with attorney comments on draft SAR Section 1.5.1
Authors	Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Rinaca, James / Hunton & Williams, LLP / Attorney
Recipients	Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Ferris, David / DOE-OCRWM / Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead
Author Recipient Relationship	The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project

	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050323.2374</b>
LSN Accession Number	<b>DN2002333040</b>
Doc Date	<b>20040608</b>
Title	<b>Comments SAR 1-4-2 comments</b>
Subject Matter Description	<b>SAR Section 1.4.2 comments</b>
Authors	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050323.4501</b>
LSN Accession Number	<b>DN2002333567</b>
Doc Date	<b>20040609</b>
Title	<b>Comments SAR 1-3-3</b>
Subject Matter Description	<b>Memorandum with attorney comments on draft SAR Section 1.3.3</b>
Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Holloway, John/ Hunton &amp; Williams, LLP/ Attorney Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Kutzer, John F. / BSC Repository Development - LA Completion / Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the</b>

	<b>privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050323.5818</b>
LSN Accession Number	<b>DN2002335760</b>
Doc Date	<b>20040609</b>
Title	<b>Comments SAR 1-3-3 - G. Hellstrom and H&amp;W</b>
Subject Matter Description	<b>The document concerns the compliance of draft section 1.3.3 of the draft LA with the YMRP.</b>
Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney Holloway, John/ Hunton &amp; Williams, LLP/ Attorney Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision is the the form and content of section 1.3.3 of the draft LA.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because it does not concern any discussion of facts. It addresses legal analyses of the YMRP.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050323.5989</b>
LSN Accession Number	<b>DN2002337210</b>
Doc Date	<b>20040607</b>
Title	<b>Comments-SAR 1-12</b>
Subject Matter Description	<b>Memorandum re attorney comments on SAR 1.12</b>
Authors	<b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Recipients	<b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This document concerns the position DOE should take in the LA/SAR Section 1.12.</b>
Deliberation Explanation	<b>This document provides counsel's recommendation and legal analysis in draft SAR Section 1.12.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

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

Participant Accession No.	<b>ALB.20050323.6223</b>
LSN Accession Number	<b>DN2002330419</b>
Doc Date	<b>20040609</b>
Title	<b>Comments SAR 1-3-3</b>
Subject Matter Description	<b>The document concerns compliance of the draft section 1.3.3 of the draft LA with the YMRP.</b>
Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Holloway, John/ Hunton &amp; Williams, LLP/ Attorney Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/ Gonzales, Lou / BSC Repository Development - Licensing / Licensing Support Manager Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The attorneys are providing advice and recommendations on the form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

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

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

Participant Accession No.	<b>ALB.20050323.6358</b>
LSN Accession Number	<b>DN2002335883</b>
Doc Date	<b>20040615</b>
Title	<b>Comments SAR 1-2-5</b>
Subject Matter Description	<b>Memorandum with attorney comments on draft SAR Section 1.2.5</b>
Authors	<b>Hellstrom, George / DOE General Counsel / Attorney</b>

	<b>Holloway, John / Hunton &amp; Williams, LLP / Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead</b> <b>Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050330.4186</b>
LSN Accession Number	<b>DN2002337840</b>
Doc Date	<b>20040806</b>
Title	<b>YM-4213-v4-MEMO Comments to section 4 of SAR PC</b>
Subject Matter Description	<b>Comments on SAR Section 4(Performance Confirmation Program)</b>
Authors	<b>Edwards, W Jeffrey / Hunton &amp; Williams, LLP / Attorney</b> <b>Noonan , Edward P. / Hunton &amp; Williams /Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Author Recipient Relationship	<b>The Authors are DOE's outside counsel, and the recipient is with DOE's OGC.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and legal analysis on the proposed licensing positions in, and form and content of, this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALB.20050331.0369</b>
LSN Accession Number	<b>DN2002335191</b>
Doc Date	<b>20040609</b>
Title	<b>Comments on RIT Section 1.2.3(v1)</b>
Subject Matter Description	<b>Comments from licensing counsel on the draft LA section addressing Repository Safety Before Permanent Closure.</b>
Authors	<b>Holloway, John / Hunton &amp; Williams, LLP / Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b> <b>Beasley, Amanda / Hunton &amp; Williams, LLP / Attorney</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Jenkins, Angela / Hunton &amp; Williams, LLP / Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>The authors and recipients are all licensing counsel with licensing-related responsibility for the subject addressed by the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>

DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The licensing counsel authors are providing recommendations and legal analysis on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050331.0375</b>
LSN Accession Number	<b>DN2002336785</b>
Doc Date	<b>20040610</b>
Title	<b>Comments on Ch. 1; 1.2.2(v1)</b>
Subject Matter Description	<b>The subject is draft LA section 1.1.2 and licensing counsel comments on that section.</b>
Authors	<b>Holloway, John / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Beasley, Amanda / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Jenkins, Angela / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>The authors and recipients are attorneys, respectively, with DOE OGC and DOE's outside licensing counsel.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The licensing counsel authors are providing recommendations and legal analysis on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20050331.0553</b>
LSN Accession Number	<b>DN2002337147</b>
Doc Date	<b>20040623</b>
Title	<b>Status Report on 6/21-6/23 Chapter 1 Comment Resolution Meetings</b>
Subject Matter Description	<b>The subject matter is the continuing development of LA Chapter 1</b>
Authors	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Holloway, John (Jay) / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This email has no fact section. Rather it reflects in its entirety the author's evaluation and recommendations regarding the development of the subject LA section.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALB.20050523.3097</b>
LSN Accession Number	<b>DN2002333867</b>
Doc Date	<b>20050318</b>
Title	<b>Comments on "Action Item" list - 1.5.1 and 1.5.2 - Privileged</b>
Subject Matter Description	<b>This document conveys outside counsel's legal advice regarding draft SAR section 1.5.1.</b>
Authors	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Author Recipient Relationship	<b>The author is a lawyer with HUNton &amp; Williams, and the recipients are a lawyer with DOE's OGC and a lawyer with Hunton &amp; Williams.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALB.20050527.2899</b>
LSN Accession Number	<b>DN2002332845</b>
Doc Date	<b>20050324</b>
Title	<b>1.3.2 ConsolLegal</b>
Subject Matter Description	<b>1.3.2 ConsolLegal</b>
Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ Attorney</b> <b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Suarez, Diego/ BSC Repository Development - Conversion/</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Systems Engineering &amp; Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b> <b>Boutin, Robert J./ BSC Repository Development - Conversion/</b> <b>Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b> <b>White, Jon/ DOE/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors, and DOE OGC attorneys and outside counsel, responsible for the subject draft SAR sections.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA</b> <b>EMAIL-ATT</b> <b>FORM</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20051018.0053</b>
LSN Accession Number	<b>DN2002335967</b>
Doc Date	<b>20050819</b>
Title	<b>YM-5546-v1-Thoughts on possible DOE comments on EPA's peak dose rule</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Zeugin, Lee/ Hunton &amp; Williams, LLP/attorney</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense /</b> <b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b>

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

Knox, Eric/DOE/deputy OCRWM director

McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs

Nutt, Mark / Golder Associates / consultant to DOE

Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager

Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead

Sweeney, Janine / DOE - Office of General Counsel (OGC) /DOE Attorney

Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney

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 colleagues 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.

Williams, Jeffrey R./ DOE - OCRWM /

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 Number	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.
Authors	Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II
Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Cereghino, Stephen J. / BSC Repository Development - Licensing / Harrington, Charles D./ BSC Repository Development - Subcontractor Department/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / Peltier, Benjamin / DOE-CRWMS /
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections, including an attorney from DOE 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 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.	<b>ALB.20051018.3373</b>
LSN Accession Number	<b>DN2002331484</b>
Doc Date	<b>20050818</b>
Title	<b>Updates to SAR Sections 1.14.2.1 - 1.14.2.2.1 - 1.14.2.2.4 08192005</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Odd, Jared/BSC</b>
Recipients	<b>Thomas, Daniel A. / BSC Repository Development - Engineered System / BSC Engineering Supervisor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALB.20051018.4443</b>
LSN Accession Number	<b>DN2002331214</b>
Doc Date	<b>20050811</b>
Title	<b>Pages from sar-1.03.04 working draft C-2</b>
Subject Matter Description	<b>The document is a page from the draft LA that addresses the proposed invert structure under consideration for use at the YM repository.</b>
Authors	<b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Recipients	<b>Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Meacham, Paul / BSC Repository Development - LA Completion / Integrated Science Solutions, Inc. (ISSI) Technical Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST MANUAL</b>

Participant Accession No.	<b>ALB.20051018.5024</b>
LSN Accession Number	<b>DN2002330924</b>
Doc Date	<b>20050830</b>
Title	<b>RE: Privileged &amp; Confidential - YMRP criteria question</b>
Subject Matter Description	<b>The subject matter of the document is attorney comments on draft SAR Section 2.3.7 regarding YMRP criteria.</b>
Authors	<b>Shamblin, Penny / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</b>
Recipients	<b>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</b>
Author Recipient Relationship	<b>The author is DOE outside counsel providing advice to DOE employees and personnel responsible for the subject draft SAR sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R.</b>



**2.1001**

Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALB.20051102.0097</b>
LSN Accession Number	<b>DN2002335405</b>
Doc Date	<b>20050915</b>
Title	<b>FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Subject Matter Description	<b>2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates Project Manager/Laboratory Lead Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I</b>
Author Recipient Relationship	<b>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&amp;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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALB.20051102.0482</b>
LSN Accession Number	<b>DN2002331114</b>
Doc Date	<b>20050907</b>
Title	<b>2.3.5 AC changes 9-8-05</b>
Subject Matter Description	<b>The document concerns the treatment of YMRP acceptance criteria in draft section 2.3.5 of the draft LA.</b>
Authors	<b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department/</b>
Recipients	<b>Dobson, David / BSC Repository Development - Postclosure Activities / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Howard, Robert L. / BSC Repository Development / BSC Project Manager Yunker, Jean L. / BSC Repository Development / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALB.20051102.0655</b>
LSN Accession Number	<b>DN2002334936</b>
Doc Date	<b>20050908</b>
Title	<b>Language on Volcanic Eruptions: Privileged Attorney-Client Communication</b>
Subject Matter Description	<b>The document concerns the treatment of newly formed volcanoes in the draft License Application.</b>
Authors	<b>Frazier, Amanda J. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Ashley, Glen / BSC/Beckman / Group Lead</b> <b>Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALB.20051102.0942</b>
LSN Accession Number	<b>DN2002335795</b>
Doc Date	<b>20050915</b>
Title	<b>2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication</b>
Subject Matter Description	<b>The subject matter is section 2.3.1.1 of the draft license application.</b>
Authors	<b>Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineer</b> <b>Smistad, Eric / DOE / OCRWM Official</b> <b>Yunker, Jean L. / BSC Repository Development - Performance Assessment / BSC Manager of Technology I</b>
Author Recipient Relationship	<b>The author and recipients are licensing counsel and DOE contractors or employees responsible for the subject draft license application section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>ALB.20070426.3270</b>
LSN Accession Number	<b>DN2002479209</b>
Doc Date	<b>20070111</b>
Title	<b>Re: Pahrump Action Item DiscussionsPRIVILEGED- Deliberative Process</b>
Subject Matter Description	<b>The subject matter is an identification of action items relating to licensing the Yucca facility.</b>
Authors	<b>Powers, Ken / /</b> <b>Sproat, Edward F. III / DOE - OCRWM / Director</b>
Recipients	<b>Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director</b> <b>Crawford, David / /</b> <b>Davis, Shirley / /</b> <b>Dyer, Russel J. / DOE - OCRWM Office of the Chief Scientist / Lead</b> <b>Feigenbaum, Ted / BSC /</b> <b>Golan, Paul / DOE- OCRWM /</b>

Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director  
 Irwin, Donald / Hunton & Williams, LLP / Attorney  
 Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director  
 Lanthrum, Gary / /  
 Neumayr, Mary / DOE/Office of General Counsel/attorney /  
 Orrell, Andrew / Sandia National Laboratory (SNL) Team Member  
 Powers, Ken / /  
 Sproat, Edward F. III / DOE - OCRWM / Director  
 Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member  
 Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney  
 Warther, Robert / DOE/RW /  
 Williams, Mark H. / DOE /

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
Participant Accession No.	ALC.20040612.2370
LSN Accession Number	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.
Authors	Sassani, David C. / MTS - Performance Assessment/Science / Golder Associates Staff Scientist
Recipients	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Levich, Robert A. / DOE / International Programs Manager Marshall, Ann / MTS / Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I
Author Recipient Relationship	The author and recipients are YMP personnel who work on KTI responses for DOE.
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 Number	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.
Authors	Sassani, David C. / MTS - Performance Assessment/Science / Golder Associates Staff Scientist
Recipients	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Levich, Robert A. / DOE / International Programs Manager Marshall, Ann / MTS / Rogers, Ralph D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Scientist I
Author Recipient Relationship	The author 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	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document has no factual discussion. The entire document is a proposed policy statement.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALC.20040618.2469</b>
LSN Accession Number	<b>DN2002469830</b>
Doc Date	<b>19990205</b>
Title	<b>YDAR No. 20372/White Papers Re: Defense in Depth</b>
Subject Matter Description	<b>The document concerns a proposed postclosure repository defense in depth design basis for the YM repository.</b>
Authors	<b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Andrews, Robert W./ BSC Repository Development - Conversion/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/ Dockery, Holly Dove, Harvey/ BSC Repository Development - Science &amp; Analysis/ Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C. / BSC Repository Development - Conversion / BSC Project Engineer Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/ Weber, Ellyn / Innovations / Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns whether DOE should accept the referenced deliverables, and thereby adopt the proposed design basis and strategy set forth in them.</b>
Deliberation Explanation	<b>The document provides the author's recommendation to the decisionmaker on the issue and provides the author's opinions that support his recommendation.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document does not contain any factual discussion. It provides subjective opinions about regulatory requirements and NRC expectations.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALC.20040621.0725</b>
LSN Accession Number	<b>DN2002334063</b>
Doc Date	<b>20040330</b>
Title	<b>0330040960 MW-rav Attachment to IOM Ident of Barriers ITS 0330</b>
Subject Matter Description	<b>The document concerns BSC recommendation on what position DOE should adopt for regarding the barriers important to waste isolation for the License Application.</b>
Authors	<b>BSC Repository Development Management</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Cereghino, Stephen J./ BSC Repository Development - Conversion/ Lucas, L. L. / BSC / Mason, M. J. // Whitcraft, J. S. / BSC / Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I/ Licensing Application Integration Group Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>This document was authored by DOE's M&amp;O contractor and the recipients are either OCRWM officials or DOE M&amp;O contractor personnel who have responsibility for the subject matters related to barriers that are important to waste isolation.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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&amp;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&amp;O personnel with responsibility for the subject matter of the paper.</b>
Deliberation Explanation	<b>The issue paper sets forth and discusses applicable regulations and then nominates barriers that the authors</b>

**recommend as important to waste isolation with a discussion of that recommendation.**

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALC.20040621.0965</b>
LSN Accession Number	<b>DN2002335715</b>
Doc Date	<b>19340904</b>
Title	<b>ORD Organizational Model</b>
Subject Matter Description	<b>ORD Organizational Model</b>
Authors	<b>Cornell, Veronica/ MTS - Licensing/</b>
Recipients	<b>Bailey, Jack / BSC Repository Development - Systems Engineering &amp; Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Murray, Robert / MTS - Licensing Application and Strategy / Booz Allen Hamilton (BAH) Manager Toft, Richard L. / MTS / Booz Allen Hamilton (BAH) General Manager</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft organizational structure as it is described and advanced in the LA.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The organizational structure that will be advanced and relied upon in connection with the LA.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LEGAL DOCUMENT LIST</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALC.20040621.3689</b>
LSN Accession Number	<b>DN2002479061</b>
Doc Date	<b>20040301</b>
Title	<b>Re: Late comments on SAR Section 1.4.5.4, Water</b>
Subject Matter Description	<b>Late comments on SAR Section 1.4.5.4, Water</b>
Authors	<b>Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Recipients	<b>Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Encarnacion, Narcis / BSC / Mendiola, Perfecto/ BSC /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALC.20040621.5522</b>
LSN Accession Number	<b>DN2002335265</b>
Doc Date	<b>20040223</b>
Title	<b>D&amp;E_1454_B022004 GLP</b>
Subject Matter Description	<b>This document is a draft of SAR section 1.4.5.4 (Water), which relates to the function of the water system that</b>

	<b>provides water from existing wells to the North Portal, North Construction Portal and South Portal.</b>
Authors	<b>Project personnel responsible for developing SAR section 1.4.5.4</b>
Recipients	<b>Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Encarnacion, Narci / BSC / Mendiola, Perfecto / /</b>
Author Recipient Relationship	<b>The author and recipients are Yucca Mountain Project personnel who have responsibility for developing SAR section 1.4.5.4.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALC.20040621.5680</b>
LSN Accession Number	<b>DN2002335458</b>
Doc Date	<b>20040219</b>
Title	<b>1.2.7.2B-DE</b>
Subject Matter Description	<b>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.</b>
Authors	<b>McDonnell, Thomas/BSC</b>
Recipients	<b>Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp; contractor personnel responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALC.20040621.5692</b>
LSN Accession Number	<b>DN2002333089</b>
Doc Date	<b>20040217</b>
Title	<b>D&amp;E_126_B021004 (LAP comments)</b>
Subject Matter Description	<b>Document provides YMP personnel comments on form and content on draft SAR Section 1.2.6</b>
Authors	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/</b>
Recipients	<b>Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager Honaker, Raymond / DOE-CRWMS / 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</b>
Author Recipient Relationship	<b>Author and recipients are DOE employees and contractors responsible for the subject draft SAR Section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of</b>



	<b>this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DRAWING EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALC.20040621.5693</b>
LSN Accession Number	<b>DN2002333767</b>
Doc Date	<b>20040301</b>
Title	<b>D&amp;E_126_B021004 (LAP comments)mcb</b>
Subject Matter Description	<b>Reviewer comments on preliminary draft of SAR Section 1.2.6</b>
Authors	<b>Bryan, Martin C/ BSC Repository Development - LA Completion/</b>
Recipients	<b>Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager Honaker, Raymond / DOE-CRWMS / 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</b>
Author Recipient Relationship	<b>Author and recipients are DOE employees and contractors responsible for the subject draft SAR sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALC.20040621.9499</b>
LSN Accession Number	<b>DN2002336116</b>
Doc Date	<b>20040219</b>
Title	<b>D&amp;E_1271-DE</b>
Subject Matter Description	<b>The document concerns draft section 1.2.7 of the draft LA.</b>
Authors	<b>McDonnell, Thomas / BSC /</b>
Recipients	<b>Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE MTO and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALC.20040621.9759</b>
LSN Accession Number	<b>DN2002331177</b>
Doc Date	<b>20040219</b>
Title	<b>D&amp;E_154_B021304jbmcomments</b>
Subject Matter Description	<b>The document is the draft section 1.5.4 of the draft LA with the authors' comments.</b>

Authors	<b>McIlvaine, Jim / BSC Repository Development - Licensing &amp; Analysis / License Application/LA Configuration Control Team Member</b> <b>Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Dokuzoguz, Halit /BSC</b> <b>Honaker, Raymond /BSC</b> <b>Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer</b> <b>McDonnell, Thomas /BSC</b> <b>Su, Steve / BSC / OCRWM contractor /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what waste package fabrication design to use for the YM repository, and how to describe it in the LA.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALC.20040824.5227</b>
LSN Accession Number	<b>DN2002333910</b>
Doc Date	<b>20040416</b>
Title	<b>1.4.4_review</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report; Chapter 1: draft section 1.4.4 Repository Safety Before Permanent Closure</b>
Authors	<b>Thomas Frankert / /</b>
Recipients	<b>Bigbee, John / TRW / M&amp;O Contractor</b> <b>Kahler, Norman / DOE-OCRWM /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALC.20040824.8786</b>
LSN Accession Number	<b>DN2002334190</b>
Doc Date	<b>20040510</b>
Title	<b>lr_sar_1243 (LAP comments) 21 Apr Cask Prep</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Beck, Mike / COGEMA /</b>
Recipients	<b>Lydic, Margaret J. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II</b> <b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>What waste package preparation system to be adopted for the YM repository and what to say and how to describe it in the LA.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>

Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALC.20040824.8832</b>
LSN Accession Number	<b>DN2002336401</b>
Doc Date	<b>20040512</b>
Title	<b>sar_2.3.11 text_Revised1</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Sanchez, Paul E./ BSC Repository Development - Integration/</b>
Recipients	<b>Cline, Mike L./ BSC Repository Development - Disruptive Events/ Dobson, David/ BSC Repository Development - License Application/ Swift, Peter N./ BSC Repository Development - Mission Applications/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This document concerns the proposed licensing positions in, and form and content of, this draft SAR section.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALC.20050208.7503</b>
LSN Accession Number	<b>DN2002329133</b>
Doc Date	<b>19990716</b>
Title	<b>SFIT Report 7-16-99final</b>
Subject Matter Description	<b>The document addresses the analysis of the SFIT of the impact on surface facility design of ongoing and past studies.</b>
Authors	<b>Mattson, Gus / TRW / M&amp;O Contractor Meyer, Les / TRW / M&amp;O Contractor Rowe, Gene W./ BSC Repository Development - CM-Construction Management/</b>
Recipients	<b>Griffith, Gary / TRW / M&amp;O Contractor Meyer, Les / TRW / M&amp;O Contractor Rowe, Gene W. / BSC Repository Development - CM-Construction Management / Stroupe, Woody / BSC/TRW / M&amp;O Contractor Wagner, Richard / BSC /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The potential decision and policymaking relates to surface design for site recommendation and the LA.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALD.20040611.4934</b>

LSN Accession Number	<b>DN2002334921</b>
Doc Date	<b>20040129</b>
Title	<b>Comments on Draft D_BHastings</b>
Subject Matter Description	<b>The document concerns the regulatory treatment of water recycling for purposes of compliance with exposure standards.</b>
Authors	<b>Hastings, Bruce / BSC Repository Development - Science Integration / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Scientist II</b>
Recipients	<b>Wisenburg, Mark R./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document provides the opinions and recommendations of the author on the draft position statement.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALD.20040618.6457</b>
LSN Accession Number	<b>DN2002329860</b>
Doc Date	<b>20030821</b>
Title	<b>LADRFT18_15</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report, Chapter 1: Repository Safety Before Permanent Closure (Section 1.3 Consequence Analyses)</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALD.20040621.0308</b>
LSN Accession Number	<b>DN2002330814</b>
Doc Date	<b>20040223</b>
Title	<b>tri_sar_59-rlk022304</b>
Subject Matter Description	<b>The document concerns proposed plans to use the GROA for Purposes other than Disposal of Radioactive Wastes</b>
Authors	<b>Kelsonson, Ronald L./ BSC Repository Development - Conversion/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kell, Patty / BSC / Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Lydic, Margaret J. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>

Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALD.20040621.0309</b>
LSN Accession Number	<b>DN2002337621</b>
Doc Date	<b>20030415</b>
Title	<b>tri_sar_59</b>
Subject Matter Description	<b>The document concerns potential plans for using the GROA for purposes other than the disposal of radioactive wastes.</b>
Authors	<b>Kelmenson, Ronald L./ BSC Repository Development - Conversion/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kell, Patty / BSC Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead Lydic, Margaret J. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Engineer I</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA, and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALD.20040621.5617</b>
LSN Accession Number	<b>DN2002332664</b>
Doc Date	<b>20040223</b>
Title	<b>D&amp;E_141_B022304 GLP</b>
Subject Matter Description	<b>SAR Chapter 1 - Repository Safety Before Permanent Closure - Electric Power</b>
Authors	<b>Pannell, George/ BSC Repository Development - Design Interface &amp; Integration/</b>
Recipients	<b>Acree, Patrick / / Ferris, David / DOE-OCRWM / Keller, Roger L. / BSC Repository Development - Engineering Process / BSC Senior Engineering Specialist Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Engineer I Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Rasmussen, David / / Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist Shapiro, Steve / BSC / Williams, Yvonne / BSC / Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I</b>

Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALD.20040621.5618</b>
LSN Accession Number	<b>DN2002334966</b>
Doc Date	<b>20040209</b>
Title	<b>D&amp;E_1422_B020204 (LAP Comments)</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Recipients	<b>Allcock, Milton /BSC Bryan, Martin C/ BSC Repository Development - LA Completion/ Green, Doug / BSC Honaker, Raymond/BSC Minwalla, Homi J./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>proposed licensing positions in and form and content of this draft section</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALD.20040824.1847</b>
LSN Accession Number	<b>DN2002331323</b>
Doc Date	<b>20040524</b>
Title	<b>sar_2.3.4 text 5-23-04_mb</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report, Chapter 2: draft section 2.3.4 Repository Safety after Permanent Closure, Table of Contents and Text</b>
Authors	<b>Board, Mark P./ BSC Repository Development - Engineering Systems &amp; Disruptive Events Operations/</b>
Recipients	<b>Powell, David/ DOE/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft SAR section and form and content thereof.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of the draft SAR section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT</b>



**LIST  
REPORT**

Participant Accession No.	<b>ALD.20040824.2097</b>
LSN Accession Number	<b>DN2002330143</b>
Doc Date	<b>20040526</b>
Title	<b>lr_sar_124_combined</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report Chapter 1: draft section 1.2.4 Regulatory Safety Before Permanent Closure, Rev 00 Licensing Review</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>Cole, Norman / DOE - CRWMS /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>

Participant Accession No.	<b>ALD.20040824.2215</b>
LSN Accession Number	<b>DN2002332337</b>
Doc Date	<b>20040520</b>
Title	<b>SAR 2.3.5 condensation (ELH 20May04)</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Hardin, Ernest / Berldey &amp; Sandia Laboratories / OCRWM Contractor</b>
Recipients	<b>Kirstein, Bruce E. / BSC Repository Development - Integration / BSC Principal Engineer I Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer Reed, A. W. / Sandia National Laboratory / Webb, Stephen W. / Sandia National Laboratory /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractor personnel responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The author is providing his recommendations and opinions on how to structure this portion of the LA and how to describe the referenced conceptual model.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>

Participant Accession No.	<b>ALD.20040824.2336</b>
LSN Accession Number	<b>DN2002336506</b>
Doc Date	<b>20040518</b>
Title	<b>sar_2.3.11 text_ESG-TRC comments</b>
Subject Matter Description	<b>The document's subject is the author's comments on draft SAR Chapter 2.3.11 addressing Igneous and Volcanic Events.</b>
Authors	<b>Crump, Terry / BSC Repository Development / Science Regulatory Integration Group Member</b>
Recipients	<b>Gaffney, Edward / / DOE</b>
Author Recipient Relationship	<b>The author and recipient are DOE employees and contractors with responsibility for the subject SAR section.</b>

Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALD.20040824.7500</b>
LSN Accession Number	<b>DN2002336134</b>
Doc Date	<b>20040513</b>
Title	<b>conceptual model of volcanism</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Perry, Frank V./ BSC Repository Development - Engineering Systems &amp; Disruptive Events Operations/</b>
Recipients	<b>Cline, Mike L./BSC Crump, Terry/ BSC Repository Development/ Gaffney, Edward /BSC Keating, Gordon/BSC Whalen, Cheryl L./ BSC Repository Development - Facilities Design/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALD.20040824.7906</b>
LSN Accession Number	<b>DN2002334850</b>
Doc Date	<b>20040703</b>
Title	<b>6-28-04 Tech Review Comments-DOE Legal</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Webster, Stu/BSC/Senior Licensing Engineer</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/ Bradbury, Robert/ MTS - Licensing/ Cereghino, Stephen J./ BSC Repository Development - Conversion/ Crawford, Raymond/BSC Edwards, W. Jeff / Hunton &amp; Williams, LLP / Attorney Foster, Bruce/BSC Franklin, David/DOE NNPP Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/ Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney Hutchins, William/ BSC Repository Development - License Application/ Junio, Stacy S./ BSC Repository Development - Program Health Physicists/ Linhart, James G./ DOE - OCRWM/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney Weaver, Marshall/ BSC Repository Development - Systems Engineering &amp; Integration/ Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>

Author Recipient Relationship	<b>Authors and recipient are DOE employees and contractors, and DOE counsel, responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALE.20040615.7039</b>
LSN Accession Number	<b>DN2002470106</b>
Doc Date	<b>20020124</b>
Title	<b>Re: Treatment of Multiple Barriers and Defense in Depth</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Rickertsen, Larry D. / BSC Repository Development - Conversion / BSC Principal Scientist I</b>
Recipients	<b>Houseworth, James E. / BSC Repository Development - Subcontractor Department / Lawrence Berkeley National Laboratory (LBNL) UZ Deputy Department Manager McNeish, Jerry A. / BSC Repository Development - Hydrologists / BSC Principal Scientist II Nutt, Mark / Golder Associates / Sevougian, David / BSC Repository Development - Management &amp; Operations / He may have been employed by Duke Engineering and Services and Framatome ANP DE&amp;S; email: David-Sevougian@Notes .ymp.gov; telephone: 702-295-6273 Performance Assessment Operations Senior Analyst and Technical Expert Swift, Peter N. / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) General Technical Management Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division and Regulatory Interactions and Strategy Division Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors with licensing-related responsibility for the subject of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The anticipated decision is the barriers on which DOE will rely in assessing whether it meets the EPA's individual protection standard.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALE.20040621.0428</b>
LSN Accession Number	<b>DN2002330424</b>
Doc Date	<b>20040401</b>
Title	<b>lr_sar_154_consolidated comments-plinski</b>
Subject Matter Description	<b>The document concerns the draft section 1.5.4 of the draft LA, which addresses the proposed waste package fabrication for the YM repository.</b>
Authors	<b>Acree, Patrick/BSC</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer McIlvaine, Jim/ BSC Repository Development - License Application/ Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst Plinski, Michael/BSC</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>

Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALE.20040621.0568</b>
LSN Accession Number	<b>DN2002334963</b>
Doc Date	<b>20040325</b>
Title	<b>tri_sar_58_chris</b>
Subject Matter Description	<b>Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative and Programmatic Requirements (Section 5.8 Controls to Restrict Access and Regulate Land Uses)</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>Webster, Stuart / BSC /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALE.20040621.6414</b>
LSN Accession Number	<b>DN2002334451</b>
Doc Date	<b>20040311</b>
Title	<b>MW Revised Version of Issues</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Whetsel, Randy/ BSC Repository Development - License Application/</b>
Recipients	<b>Skoblar, Leonard / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Engineer I</b>
Author Recipient Relationship	<b>The author and recipients are DOE M&amp;O contractor personnel who work on YMP matters.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision anticipated is how to address the identified issues associated with preparation of the LA.</b>
Deliberation Explanation	<b>The document reflects the author's judgment regarding and description of anticipated issues associated with licensing, for purposes of framing issues for DOE.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALG.20040615.0319</b>
LSN Accession Number	<b>DN2002336025</b>
Doc Date	<b>19990726</b>
Title	<b>proposed OMB change to EPA draft</b>

Subject Matter Description	<b>The author's proposed edits to proposed draft EPA standard.</b>
Authors	<b>Fomous, John / DOE /</b>
Recipients	<b>Bruno, Thomas / / Fehrenback, John / / Hanson, Glen T. / TRW / M&amp;O Contractor Maheras, Steven / TRW / M&amp;O Contractor York, Jim / TRW / M&amp;O Contractor</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for formulating a position on the EPA draft standard to be taken by DOE.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Position to be taken on the proposed draft EPA standard.</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed draft EPA standard.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document contains no fact sections and reflects entirely the author's recommendation on proposed draft language.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALG.20040617.0964</b>
LSN Accession Number	<b>DN2002332131</b>
Doc Date	<b>20021016</b>
Title	<b>trcd_sar_533(jgs)CLL-LTSa</b>
Subject Matter Description	<b>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</b>
Authors	<b>Skobljar, Leonard / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Engineer I</b>
Recipients	<b>Beckman, Donald / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist Kell, Patty / BSC / Lugo, Candace L. / BSC Repository Development - Geologists / BSC Principal Scientist II Pannell, George / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Engineer I Self, Jerry G. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALG.20040618.1742</b>
LSN Accession Number	<b>DN2002336953</b>
Doc Date	<b>20040115</b>
Title	<b>D&amp;E 1422_review</b>
Subject Matter Description	<b>Draft SAR section 1.4.2.2_review, Chapter 1</b>
Authors	<b>McDonnell, Thomas / BSC /</b>
Recipients	<b>Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>

Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALG.20040618.1763</b>
LSN Accession Number	<b>DN2002332087</b>
Doc Date	<b>20040126</b>
Title	<b>D&amp;E_1462_review</b>
Subject Matter Description	<b>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.</b>
Authors	<b>McDonnell, Thomas/BSC</b>
Recipients	<b>Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALG.20050208.1355</b>
LSN Accession Number	<b>DN2002469980</b>
Doc Date	<b>19990208</b>
Title	<b>YDAR No. 20372/White Papers Re: Defense in Depth</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Conversion / BSC Senior Project Manager Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/ Dockery, Holly Dove, Harvey/ BSC Repository Development - Science &amp; Analysis/ Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/ Weber, Ellyn / Innovations / Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns a potential recommendation for DOE to adopt a multi-barrier approach for demonstrating compliance with YM performance standards.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL</b>



Participant Accession No.	<b>ALH.20040615.2878</b>
LSN Accession Number	<b>DN2002334547</b>
Doc Date	<b>20010702</b>
Title	<b>TIDs on HLW canisters</b>
Subject Matter Description	<b>RW's proposed requirement for application of Tamper Indicating Devices (TID) on HLW Canisters</b>
Authors	<b>Daugherty, Maurice / DOE/EM /</b>
Recipients	<b>Chacey, Ken/ DOE - Office of Environmental Management/ Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / DOE Security Specialist Ferris, Yvonne / DOE / EM official / Grisham, Kriss / DOE / Gunn, Lee / DOE / Koutsandreas, Denis / DOE/EM / Slater, Nancy / DOE /</b>
Author Recipient Relationship	<b>The document author and recipient are YMP personnel responsible for the subject document.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The potential decision relates to requirements in the Waste Acceptance System Requirements Document.</b>
Deliberation Explanation	<b>The documents evaluates applicable regulations and provides RW recommendation on requirements based upon its analysis.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALH.20040615.3642</b>
LSN Accession Number	<b>DN2002331512</b>
Doc Date	<b>20030827</b>
Title	<b>KTIReveiwInDriftChemicalEnvironment[3]</b>
Subject Matter Description	<b>OGC Comments on draft In Drift Chemical Environment Technical Bases Document, Appendices A,C, &amp; D</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Hastings, Bruce / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Scientist II Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Salmon, David A. / BSC Repository Development - Geologists / BSC Senior Science Specialist Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft TBD and in response to the NRC KTI.</b>
Deliberation Explanation	<b>The authors are providing recommendations, opinions, and legal advice regarding the draft TBD and its sufficiency to respond to the NRC KTI.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALH.20040617.2429</b>
LSN Accession Number	<b>DN2002331750</b>
Doc Date	<b>20031022</b>

Title	<b>SS_FP_Draft_SAR1.4.3</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Logan, Richard/BSC</b>
Recipients	<b>Kubicek, John / DOE-OCRWM</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST MAP REPORT</b>
Participant Accession No.	<b>ALI.20040612.4807</b>
LSN Accession Number	<b>DN2002333347</b>
Doc Date	<b>20020319</b>
Title	<b>Evaluation Final</b>
Subject Matter Description	<b>Design Evaluation Study Recommendations</b>
Authors	<b>Rowe, Gene W. / BSC Repository Development - Feasibility &amp; Support / BSC Principal Engineer I</b>
Recipients	<b>Cereghino, Stephen J./ BSC Repository Development - Conversion/ Mcann, Pamela / BSC / OCRWM officials</b>
Author Recipient Relationship	<b>The author works for Steve Cereghino at BSC, DOE's M&amp;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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns decisions for repository 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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT FINANCIAL STATEMENT LIST MAP MEETING AID</b>
Participant Accession No.	<b>ALI.20040612.6724</b>
LSN Accession Number	<b>DN2002330981</b>
Doc Date	<b>20040606</b>
Title	<b>(text)Draft SAR Section 2 Surface Soils changes 9-25-03gjs</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Saulnier, George / BSC</b>
Recipients	<b>Dobson, David/ BSC Repository Development - License Application/ Rickertsen, Larry D. / BSC Repository Development - Performance Assessment Strategy and Scope / BSC Principal Scientist I</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>

Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALI.20040612.6725</b>
LSN Accession Number	<b>DN2002333255</b>
Doc Date	<b>20030905</b>
Title	<b>2-1-2-4 Waste Package-gjs--ldr changesREV9-2</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Saulnier, George / BSC</b>
Recipients	<b>Dobson, David/ BSC Repository Development - License Application/ Rickertsen, Larry D. / BSC Repository Development - Performance Assessment Strategy and Scope / BSC Principal Scientist I</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALI.20040612.6995</b>
LSN Accession Number	<b>DN2002335462</b>
Doc Date	<b>20040606</b>
Title	<b>Sect-2-1-2-8 UZ below the WP-gjs</b>
Subject Matter Description	<b>Comments on draft Multiple Barrier Sections of the Safety Analysis Report</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on draft Multiple Barrier Sections of the SAR and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of these draft sections.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALI.20040615.1005</b>
LSN Accession Number	<b>DN2002334158</b>
Doc Date	<b>20000106</b>
Title	<b>Groundwater Travel Time Strategy</b>
Subject Matter Description	<b>The document concerns possible strategies for the development of a groundwater travel time position in light of proposed amendments to 10 CFR 960.</b>
Authors	<b>Cline, Mike L./ BSC /</b>
Recipients	<b>Doe, Tom /DOE/</b>

Author Recipient Relationship	<b>The author is a DOE M&amp;O contractor personnel for the YMP. The recipient is a DOE OCRWM personnel.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This document concerns what strategy DOE should adopt for developing a licensing position on groundwater travel times under proposed amendments.</b>
Deliberation Explanation	<b>The document provides the author's subjective opinions on regulatory requirements and recommends potential steps DOE could follow to develop a licensing position.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALI.20040617.3328</b>
LSN Accession Number	<b>DN2002338009</b>
Doc Date	<b>19980717</b>
Title	<b>Valcom</b>
Subject Matter Description	<b>This document conveys counsel's comments on the draft of Volume 1 of the Viability Assessment</b>
Authors	<b>Rives, Susan / DOE - Office of General Counsel (OGC) / Attorney</b>
Recipients	<b>Brodeur, Mary/ DOE-OCRWM King, Jerry L./ BSC Repository Development - Conversion/ Sullivan, Timothy / DOE / Brookhaven National Laboratories Summerson, Jane R./ DOE - OCRWM Office of Acquisition Strategy/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION) LWP-prepared by attorney (OPINION);</b>
Participant Accession No.	<b>ALI.20040617.6184</b>
LSN Accession Number	<b>DN2002329745</b>
Doc Date	<b>20011015</b>
Title	<b>Comments on PORB Position Paper</b>
Subject Matter Description	<b>Qualification of data used on the YMP.</b>
Authors	<b>Eshleman, Michael / DOE-OCRWM /</b>
Recipients	<b>Boone, Alesia /DOE/ Schrecongost, Jill /DOE/ Wooley, Jake /DOE/</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>This documents sets forth the author's recommendations and opinions concerning the position proposed in the subject draft document.</b>

Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE EMAIL-ATT LIST</b>
Participant Accession No.	<b>ALJ.20040612.2136</b>
LSN Accession Number	<b>DN2002337867</b>
Doc Date	<b>20040113</b>
Title	<b>D&amp;E_1235_A122403</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Gould, Gregory/BSC</b>
Recipients	<b>Banea, Francis /BSC Surjit, Singh /BSC</b>
Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractor personnel responsible for the subject draft LA (or SAR) sections.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA DRAWING EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALK.20040612.7366</b>
LSN Accession Number	<b>DN2002335851</b>
Doc Date	<b>20030710</b>
Title	<b>Backup of SAR_SEC_5-3-1 (draft g)</b>
Subject Matter Description	<b>The document is a draft of section 5.3.1 that reflects a proposed organizational structure for DOE with respect to the YMP.</b>
Authors	<b>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Self, Jerry G./ BSC Repository Development - Conversion/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what type of organization structure DOE should adopt for the YMP.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because it does not contain any factual discussion. It addresses a proposed organizational structure.</b>
Doc Type	<b>EMAIL-ATT LIST MANUAL</b>
Participant Accession No.	<b>ALK.20040612.8412</b>
LSN Accession Number	<b>DN2002337349</b>
Doc Date	<b>20040115</b>
Title	<b>5.5 Draft B (comments)</b>
Subject Matter Description	<b>This document is a draft of SAR section 5.5 (Plans for Startup Activities and Testing).</b>
Authors	<b>Self, Jerry G./ BSC Repository Development - Conversion/</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman &amp; Associates Program</b>

**Manager****Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist****McIlvaine, Jim / BSC Repository Development - License Application / License Application Team Member****Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst**

Author Recipient Relationship	The authors of the comments are members of the BSC Licensing organization and the recipients are BSC employees with responsibility for the draft documents as to which the authors have commented.
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 Number	DN2002335196
Doc Date	20030626
Title	trd_sar_511_wMCB&DKcomments
Subject Matter Description	SAR 5.11 Operational Radiation Protection Program
Authors	McIlvaine, Jim/ BSC Repository Development - License Application/
Recipients	Carl Jr., William F. / BSC Repository Development - Program Health Physicists / BSC Program Health Physicist Franks, Douglas / BSC Repository Development - Subcontractor Department / Framatome ANP (FANP) Senior Tech Support Specialist
Author Recipient Relationship	The author and recipients are DOE employees and contractors with responsibility for the subject draft SAR section.
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.20040617.3216
LSN Accession Number	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.
Authors	Kelmenson, Ronald L. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineering Specialist
Recipients	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
Participant Accession No.	ALL.20040617.3252
LSN Accession Number	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.
Authors	Kemelson, Ronald/BSC
Recipients	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 / PMC Technologies, Inc. Senior Program Director
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
Participant Accession No.	ALL.20040617.4965
LSN Accession Number	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
Authors	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer /
Recipients	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
Participant Accession No.	ALM.20040612.8185
LSN Accession Number	DN2002330045
Doc Date	20030117
Title	trd_sar_57 MTS cmts
Subject Matter Description	The subject matter is Yucca Mountain Repository Safety Analysis Report, Chapter 5: Administrative Requirements (Section 5.7 Emergency Planning) and MTS comments on the draft.
Authors	MTS
Recipients	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Other DOE employees and contractors responsible for the subject draft LA section
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA section.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer

DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The MTS authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALM.20040617.1014</b>
LSN Accession Number	<b>DN2002331150</b>
Doc Date	<b>20040607</b>
Title	<b>S2-1-2-2text(a)-gjs</b>
Subject Matter Description	<b>SAFETY ANALYSIS REPORT - MULTIPLE BARRIER SECTIONS, 2.1.2 Description of the Capability of Identified Barriers</b>
Authors	<b>Saulnier, George / BSC /</b>
Recipients	<b>Dobson, David / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Goldstein, Barry / BSC Repository Development - Subcontractor Department / Sandia National Laboratory (SNL) Environmental Regulatory Compliance Monib, Ahmed M. / BSC Repository Development - Mechanical Engineers / BSC Senior Engineer</b>
Author Recipient Relationship	<b>Authors and recipients are DOE MTO contractors responsible for the subject draft LA (or SAR) sections</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>DATA EMAIL-ATT REPORT</b>
Participant Accession No.	<b>HQO.19900321.0070</b>
LSN Accession Number	<b>DN2002470435</b>
Doc Date	<b>19890802</b>
Title	<b>APPROVAL OF RESPONSE TO SENATOR BRYAN'S LETTER OF JULY 18, 1989</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Rouso, Samuel / DOE OCRWM / Acting Director</b>
Recipients	<b>Secretary of Energy</b>
Author Recipient Relationship	<b>The author and recipient are officials in the management of DOE with responsibility for the subject matter addressed in the document.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what position DOE should take in response to an U.S. Senator's queries regarding vulcanism and interim on-site storage.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE</b>
Participant Accession No.	<b>MOL.19970917.0205</b>
LSN Accession Number	<b>DN2002333697</b>
Doc Date	<b>19900807</b>
Title	<b>WHITE PAPER ON WATER WAIVERS</b>
Subject Matter Description	<b>Memorandum considering request related to exclusion of interstitial water from crane hook weight limits for rail/barge shipping casks</b>
Authors	<b>Henry, Ken / INEEL / DOE</b>

Recipients	<b>Fisher, Margaret / DOE / Sandwina, Ron / DOE /</b>
Author Recipient Relationship	<b>The author and recipients are DOE officials writing on the referenced position paper.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE</b>
Participant Accession No.	<b>MOL.20010723.0049</b>
LSN Accession Number	<b>DN2002330810</b>
Doc Date	<b>20010601</b>
Title	<b>RECORDS PACKAGE TABLE OF CONTENTS FOR PROJECT OPERATIONS REVIEW BOARD (PORB) MEETING MINUTES AND ACTIONS, MEETING AGENDA, AND ATTACHMENTS DATED JANUARY 24, 2001 (C)</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Adams, J. Adams, Pamela/ BSC Repository Development - Event Cat &amp; Rel Analyses/ Royer, Dennis / DOE/RW West /</b>
Recipients	<b>PORB</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</b>
Doc Type	<b>ADMINISTRATION PACKAGE</b>
Participant Accession No.	<b>MOL.20040510.0172</b>
LSN Accession Number	<b>DN2002335740</b>
Doc Date	<b>20040324</b>
Title	<b>BSC LICENSING POSITION, RECYCLING OF RADIONUCLIDES AT THE LOCATION OF THE REASONABLY MAXIMALLY EXPOSED INDIVIDUAL</b>
Subject Matter Description	<b>Recommendation for position that DOE should take in the licensing proceeding regarding recycling of radionuclides at the location of the REMI.</b>
Authors	<b>Cereghino, Stephen J. / BSC Repository Development - Licensing /Senior Project Manager</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development - Performance Assessment /Senior Project Manager LUCAS L.L. / BSC MASON M.J. / BSC WHITCRAFT J.S. / BSC Williams, Nancy H. / BSC Repository Development /Manager of Projects Yunker, Jean L. / BSC Repository Development - Chief Science Officer /Manager of Technology I</b>
Author Recipient Relationship	<b>The authors and recipients are all personnel with DOE's M&amp;O contractor for the YMP.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>

Doc Type	<b>CORRESPONDENCE</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>MOL.20050524.0008</b>
LSN Accession Number	<b>DN2002334684</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.02, SURFACE STRUCTURES, SYSTEMS, AND COMPONENTS AND OPERATIONAL PROCESS ACTIVITIES (C)</b>
Subject Matter Description	<b>Document provides YMP Personnel comments on Draft LA Section SAR 1.02.</b>
Authors	<b>DOE employees and contractors responsible for subject SAR section</b>
Recipients	<b>DOE employees and contractors responsible for subject SAR section</b>
Author Recipient Relationship	<b>Author and recipients are DOE employees and contractors responsible for subject SAR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>DOE employees and contractors providing comments and recommendations on form and comment of draft LA-SAR prior to submittal to NRC.</b>
Deliberation Explanation	<b>The document provides the author's recommendations and analysis concerning the then current position taken by the DOE in this draft LA-SAR.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Participant Accession No.	<b>MOL.20050524.0009</b>
LSN Accession Number	<b>DN2002330620</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.02.01, SURFACE OPERATIONS OVERVIEW (C)</b>
Subject Matter Description	<b>This document is a draft section of the SAR: SAR-01.02.01, SURFACE OPERATIONS OVERVIEW, and contains reviewer comments on this draft section.</b>
Authors	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Hammermeister, Heather L. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II Junio, Stacy S. / BSC Repository Development - Radiation Programs / BSC Program Health Physicist Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Slovic, Robert C. / BSC Repository Development - Engineering Production / BSC Project Engineer Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA section.</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees, contractors, and outside counsel responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and contents.</b>
Deliberation Explanation	<b>The author's are providing recommendations, opinions, and legal advice on the proposed licensing positions in and the form and content of this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Participant Accession No.	<b>MOL.20050524.0019</b>
LSN Accession Number	<b>DN2002331755</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C)</b>
Subject Matter Description	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.02.07, MISCELLANEOUS PLANT FACILITIES (C) (Preliminary Draft, Yucca Mountain Safety Analysis Report)</b>
Authors	<b>Lydic, Margaret J. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft SAR section /</b>
Author Recipient Relationship	<b>The author is with DOE's M&amp;O contractor for the Yucca Mountain Project. The recipients are DOE employees and contractors who have responsibility for the draft SAR section.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document provides comments and recommendations on draft LA chapter 1.2.7 proposing changes to that section</b>

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 Number	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)
Authors	DOE employees and contractors responsible for the subject draft SAR section
Recipients	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
Participant Accession No.	MOL.20050524.0031
LSN Accession Number	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
Authors	DOE employees and contractors responsible for the subject draft SAR Section
Recipients	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
Participant Accession No.	MOL.20050524.0034
LSN Accession Number	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)
Authors	DOE employees and contractors responsible for the subject draft SAR section
Recipients	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	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>MOL.20050524.0036</b>
LSN Accession Number	<b>DN2002335729</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.03.08, SUBSURFACE VENTILATION (C)</b>
Subject Matter Description	<b>This document concerns the subsurface ventilation system that would support the operation of the subsurface repository.</b>
Authors	<b>DOE employees and contractors responsible for the subject draft LA section</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA section</b>
Author Recipient Relationship	<b>The authors and recipients are DOE employees and contractors responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in, and the form and content of, this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Participant Accession No.	<b>MOL.20050524.0038</b>
LSN Accession Number	<b>DN2002335015</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.03.10, PERFORMANCE CONFIRMATION FACILITIES (C)</b>
Subject Matter Description	<b>PROPOSED PERFORMANCE CONFIRMATION FACILITIES</b>
Authors	<b>Appel, Gordon / BSC / SNL sub</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>The authors and recipients are DOE employees and contractors responsible for the subject draft LA section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Participant Accession No.	<b>MOL.20050524.0049</b>
LSN Accession Number	<b>DN2002332035</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.05.02, GENERAL DESCRIPTION OF WASTE PACKAGES AND THEIR COMPONENTS (C)</b>
Subject Matter Description	<b>The subject matter is a draft SAR section: SAR-01.05.02 (General Description of Waste Package and Its Components), and contains comments provided by project personnel responsible for developing this portion of the license application.</b>
Authors	<b>Project personnel who have responsibility over the subject matter of this draft SAR</b>
Recipients	<b>Project personnel who have responsibility over the subject matter of this draft SAR</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document reflects the analysis and recommendations, provided by project personnel responsible for developing</b>



	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>MOL.20050524.0080</b>
LSN Accession Number	<b>DN2002330833</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-02.03.07, WASTE FORM DEGRADATION AND IN-DRIFT RADIONUCLIDE TRANSPORT (C)</b>
Subject Matter Description	<b>Draft SAR section 2.03.07 with comments from B. Andrews.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager</b>
Recipients	<b>Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>MOL.20050524.0085</b>
LSN Accession Number	<b>DN2002330329</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-02.03.10, BIOSPHERE TRANSPORT AND EXPOSURE (C)</b>
Subject Matter Description	<b>The document is the draft SAR section 2.3.10 (Biosphere Transport and Exposure), and also contains comments on this draft SAR section.</b>
Authors	<b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Recipients	<b>YMP Personnel responsible for development of SAR</b>
Author Recipient Relationship	<b>Authors are YMP personnel responsible for development of the subject LA/SAR section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Participant Accession No.	<b>MOL.20050524.0092</b>

LSN Accession Number	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.
Authors	DOE employees and contractors responsible for the draft SAR section
Recipients	DOE employees and contractors responsible for the draft SAR section
Author Recipient Relationship	The comments are prepared by project personnel knowledgeable regarding this section of the draft LA to project personnel responsible for preparing the LA.
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 Requirements. 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 Number	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.
Authors	DOE employees and contractors responsible for the subject draft LA section
Recipients	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
Participant Accession No.	MOL.20050524.0103
LSN Accession Number	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,
Authors	YMP Personnel responsible for development of section 5.6 of the draft LA
Recipients	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

Participant Accession No.	<b>MOL.20050524.0114</b>
LSN Accession Number	<b>DN2002337502</b>
Doc Date	<b>20050523</b>
Title	<b>REVIEW COMMENTS FOR LA SECTION: SAR-01.05, WASTE FORM AND WASTE PACKAGE (C)</b>
Subject Matter Description	<b>This document is the draft SAR section 1.05, and contains comments on the draft section.</b>
Authors	<b>DOE employees and contractors responsible for the subject draft SAR section</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft SAR section</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>

Participant Accession No.	<b>MOL.20050526.0019</b>
LSN Accession Number	<b>DN2002329903</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.04.01, ELECTRIC POWER (C)</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Licensing attorneys knowledgeable about draft SAR section 1.4.1 N/A / N/A /</b>
Recipients	<b>Project personnel responsible for developing SAR section 1.4.1</b>
Author Recipient Relationship	<b>Licensing attorneys provided these comments on the draft SAR section to project personnel responsible for developing licensing strategy and the license application.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>

Participant Accession No.	<b>MOL.20050526.0022</b>
LSN Accession Number	<b>DN2002337225</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.04.04, PLANT SERVICES (C)</b>
Subject Matter Description	<b>Document provides Attorney Review Comments on Draft SAR Section 01.04.04 (Plant Services).</b>
Authors	<b>N/A / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Project personnel responsible for developing SAR section 1.4.4</b>
Author Recipient Relationship	<b>Comments by Hunton &amp; Williams licensing attorneys to project personnel responsible for preparing the licensing application.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document provides the outside counsel's legal analysis and advice concerning the draft SAR.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>

Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>MOL.20050526.0025</b>
LSN Accession Number	<b>DN2002332969</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.05.02, GENERAL DESCRIPTION OF WASTE PACKAGES AND THEIR COMPONENTS (C)</b>
Subject Matter Description	<b>Counsel's comments on draft SAR section 1.5.2</b>
Authors	<b>DOE Office of General Counsel Hunton &amp; Williams LLP</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft SAR section</b>
Author Recipient Relationship	<b>Licensing attorneys are conveying their comments to DOE employees and contractors responsible for the subject draft SAR section.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The licensing attorneys are providing their legal opinions, recommendations on the proposed licensing positions, and form and content of this draft SAR section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-client to attorney</b>
Participant Accession No.	<b>MOL.20050526.0026</b>
LSN Accession Number	<b>DN2002336584</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.06, IDENTIFICATION OF HAZARDS ANALYSIS AND INITIATING EVENTS (C)</b>
Subject Matter Description	<b>IDENTIFICATION OF HAZARDS ANALYSIS AND INITIATING EVENTS</b>
Authors	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Zaccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinion on the proposed licensing positions in and form and content of this draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>MOL.20050526.0027</b>
LSN Accession Number	<b>DN2002331524</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.07, EVENT SEQUENCES (C)</b>
Subject Matter Description	<b>This section concerns the methodology for identifying, quantify, and categorizing the internal and external hazards and initiating events.</b>
Authors	<b>Beasley, Amanda / Hunton &amp; Williams, LLP / Attorney Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>

	<b>Reynolds, Myles / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director Zaccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The attorneys are providing recommendations and opinions on the proposed licensing positions in, and the form and content of, the draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>MOL.20050526.0031</b>
LSN Accession Number	<b>DN2002336568</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-01.11, PLANS FOR RETRIEVAL AND ALTERNATE STORAGE OF RADIOACTIVE WASTES (C)</b>
Subject Matter Description	<b>The document concerns proposed approaches for retrieval and alternate storage of radioactive wastes.</b>
Authors	<b>Attorneys in the DOE Office of General Counsel and H&amp;W</b>
Recipients	<b>DOE employees and contractors responsible for the subject LA section</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.</b>
Deliberation Explanation	<b>The attorneys are providing their recommendations and advice on the proposed licensing positions in, and the form and content of, the draft LA section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>MOL.20050526.0034</b>
LSN Accession Number	<b>DN2002330489</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.01, REPOSITORY SAFETY AFTER PERMANENT CLOSURE (C)</b>
Subject Matter Description	<b>Attorney Comments and correspondence regarding draft SAR Chapter 2 Section 2.1: Rev. 00, Draft A Chapter Review</b>
Authors	<b>DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; Williams, LLP /</b>
Recipients	<b>Brooks, Joan / Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</b>
Author Recipient Relationship	<b>Authors are DOE OGC 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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA Section, and its form and content.</b>
Deliberation Explanation	<b>The authors are providing legal advice and analysis on the proposed licensing positions in and form and content of this draft LA Section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>



Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>MOL.20050526.0044</b>
LSN Accession Number	<b>DN2002333290</b>
Doc Date	<b>20050523</b>
Title	<b>ATTORNEY REVIEW COMMENTS FOR LA SECTION: SAR-02.03.08, RADIONUCLIDE TRANSPORT IN THE UNSATURATED ZONE (C)</b>
Subject Matter Description	<b>The subject matter is attorney comments on the draft SAR section: SAR-02.03.08, RADIONUCLIDE TRANSPORT IN THE UNSATURATED ZONE (C)</b>
Authors	<b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney Perkins, Shelby/ DOE - Office of General Counsel (OGC)/ Rasmussen, Kirk D. / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The DP decision information is licensing attorney comments on the draft SAR for consideration. They relate to content and form.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because any factual information 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>MOL.20050810.0068</b>
LSN Accession Number	<b>DN2002329354</b>
Doc Date	<b>20050803</b>
Title	<b>CONTRACT NUMBER DE-AC28-01RW12101 - RESPONSE TO TDL NUMBER 05-022, DRAFT ASSESSMENT OF VIABILITY OF UTILIZING OPERATIONAL LIMITATIONS (C)</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BCS President and General Manager</b>
Recipients	<b>Arthur, John, III / DOE - OCRWM Office of Repository Development / Deputy Director Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / (BAA) Program Manager Bunch, D. F. / BSC / Golan, P.M. / DOE / Hamilton-Ray, B.V. / DOE / McCullough, M.G. / BSC / Powers, K.W. / DOE / Schilismann, D.J. / BSC / Tosetti, R.J. / BSC /</b>
Author Recipient Relationship	<b>The author of the letter was the head of DOE's M&amp;O contractor for Yucca Mountain. The letter was addressed to the then deputy director of OCRWM.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE</b>
Participant Accession No.	<b>MOL.20050928.0126</b>
LSN Accession Number	<b>DN2002337830</b>
Doc Date	<b>20050601</b>
Title	<b>CONFIDENTIAL LITIGATION WORK PRODUCT SAR 2.3.6 COMMENTS</b>



Subject Matter Description	<b>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.</b>
Authors	<b>Payer, Joseph H. / Case Western Reserve University / Professor</b>
Recipients	<b>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE REVIEW</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>MOL.20060718.0056</b>
LSN Accession Number	<b>DN2002466991</b>
Doc Date	<b>20060307</b>
Title	<b>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)</b>
Subject Matter Description	<b>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)</b>
Authors	<b>Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Kim, Dong / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/</b>
Recipients	<b>ARTHUR WJ / DOE/ORD RW-60 LAS VEGAS NV / COOPER, E.R. / / FEIGENBAUM, T.C. / Bechtel SAIC Company, LLC / President &amp; General Manager Golan, P. M. / DOE/OCRM/ Hamilton-Ray, B.V. / DOE/OCRWM / Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director KING, A.E. / / Powers, K.W. (Ken) / DOE/OCRWM/ Van Der Puy, M.E. / DOE/OCRWM /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>These documents provides the reviewers' recommendations and opinions on the positions that should be taken in the draft documents.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Non Redactable Statement	<b>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.</b>
Doc Type	<b>CORRESPONDENCE</b>
Other Privilege Types	<b>ACP-attorney to client</b>
Participant Accession No.	<b>MOL.20070627.0054</b>
LSN Accession Number	<b>DN2002468872</b>
Doc Date	<b>20061208</b>
Title	<b>DECISION ON APPROACH TO BURNUP CREDIT</b>
Subject Matter Description	<b>The document concerns a strategy to address issues concerning burn-up credit, including transportation and NNPP related issues.</b>
Authors	<b>Williams, Mark H. / Director, Regulatory Authority Office / OCRWM</b>
Recipients	<b>Alsaed, A.A. / BSC / M&amp;O Contractor Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b>

Dei, Donald E. / Naval Reactors /  
 Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director  
 FEIGENBAUM TC / BSC LAS VEGAS NV /  
 Golan, P.M./principal deputy director/OCRWM  
 Howard, C.L. / Sandia National Laboratory / OCRWM Contractor  
 HOWARD CL / SNL LAS VEGAS NV /  
 Kacich, R.M./BSC  
 Lanthrum, G.J./DOE OCRWM  
 Low, J.L./DOE OCRWM  
 McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs  
 Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member  
 Parks, C.V./Oak Ridge National Lab  
 Rapp, Brady M.C./Pacific Northwest National Lab  
 Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member  
 Sproat, E.F/Director/OCRWM  
 Thompson, J.M./DOE OCRWM  
 Wagoner, John/Oak Ridge National Lab  
 Williams, J.R./DOE OCRWM

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	This document contains no segregable factual information. Its contents reflect proposed DOE strategy regarding burn-up credit.
Doc Type	CORRESPONDENCE
Participant Accession No.	MOL.20070802.0222
LSN Accession Number	DN2002481312
Doc Date	20060329
Title	CONCEPTUAL DESIGN ALTERNATIVES STUDY YUCCA MOUNTAIN REPOSITORY SURFACE FACILITIES - VOLUME 1 THRU 3 FINAL (C)
Subject Matter Description	The document concerns potential alternative designs for surface facilities at the YM repository.
Authors	Donnell, John L. / Management and Technical Support Services / Assistant Manager / OCRWM contractor Mills, M. B. / Management and Technical Support Services / Project Management and Engineering / OCRWM contractor Toft, Richard L. / Management and Technical Support Services / General Manager / OCRWM contractor
Recipients	DOE Office of Civilian Radioactive Waste Management
Author Recipient Relationship	The authors are personnel with a contractor to OCRWM who were tasked to prepare the referenced document. The document was distributed to senior management within OCRWM to decide on potential changes to surface facilities for the YM repository.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The decision is whether DOE should change the design of the surface facilities to accommodate a mostly canister-based approach, and if so what the design should be.
Deliberation Explanation	The document provides the contractor's identification of options for alternative surface designs and recommendations to DOE regarding advantages and disadvantages of the alternatives, to assist DOE's decisionmaking 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 discussion. It presents alternatives and options for potential future designs and provides recommendations about them. Disclosure of the document's contents would reveal alternatives under discussion as part of the deliberations and the authors' opinions about them.
Doc Type	REPORT