

## DOE Primary Privilege Log

Date: 11/08/2007

### Addendum: Supplements, Withdrawals, and Corrections to DPP Privilege Log

#### Change Type Supplements

Participant Accession No.	ALA.20041227.1659
LSN Accession Number	DN2002333621
Doc Date	20040730
Title	Attorney Client Privileged - seismic scenario
Subject Matter Description	The document concerns the potential treatment of seismic scenarios for the license application.
Authors	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney Chu, Margaret / DOE - OCRWM / DOE Director DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Dyer, J. Russell / DOE - OCRWM Office of Repository Development / OCRWM official Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Williams, Jeffrey R. / DOE - OCRWM / OCRWM official Ziegler, Joseph/DOE OCRWM/Licensing Director
Author Recipient Relationship	The author is a DOE OCRWM official. The recipients are DOE OGC counsel, the director and deputy director of OCRWM, and other YMP personnel who work with the author on the subject of the referenced communication.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns what seismic scenario to adopt in connection with the license application.
Deliberation Explanation	The document provides the author's presentation of various options and his personal recommendation of which option DOE should select.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any factual discussion. It 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.
Doc Type	EMAIL
Other Privilege Types	ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION)

Participant Accession No.	ALA.20050331.8973
LSN Accession Number	DN2002470702
Doc Date	20040907
Title	KEB
Subject Matter Description	This document is a draft of SAR section 1 that contains counsel's comments and recommended changes.
Authors	Beard, Kristina / Hunton & Williams, LLP / Attorney
Recipients	Yucca Mountain Project Personnel with responsibility over the development of this SAR Section
Author Recipient Relationship	Outside licensing counsel is providing her comments and legal advice to YMP project personnel who have responsibility over this draft SAR section.
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
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

Participant Accession No.	ALA.20060111.1756
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LSN Accession Number	<b>DN2002481332</b>
Doc Date	<b>20051104</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</b>

Participant Accession No.	<b>ALA.20070215.0654</b>
LSN Accession Number	<b>DN2002481325</b>
Doc Date	<b>20061012</b>
Title	<b>Aircraft Hazards Decision Paper Draft 5</b>
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 Benz, Edward F./ BSC Repository Development - Chief Science Officer/ OCRWM contractor Dunn, Thomas / BSC / OCRWM contractor Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/ Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Lanthrum, Gary/DOE / OCRWM official Siefken, David L./ BSC Repository Development - Program Integration/ Spezialetti, Bill / DOE/RW / OCRWM official Warther, Robert/DOE OCRWM/LA director Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/ Williams, Mark/DOE OCRWM/licensing director Wisenberg, Mark / BSC / OCRWM contractor Zacccone, 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>

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</b>



Recipients	Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director
	Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist
	Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager
	Borella, Edward / BSC / M&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 & 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 & Transportation / Storage & 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 & Analysis / OCRWM contractor
Author Recipient Relationship	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.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	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.
Deliberation Explanation	The email discussion reflects the authors' analysis and recommendations regarding the proposed methodology.
Circulated Draft Affirmation	This document has been 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
Participant Accession No.	ALA.20071001.1797
LSN Accession Number	DN2002481331
Doc Date	20070801
Title	Fw: Document Search Burnup Credit
Subject Matter Description	The document concerns the use of burnup credit for postclosure criticality evaluations, and the inclusion in the LA of information on the data gathering program to validate models.
Authors	Bonano, Evaristo J. / Sandia National Laboratory / OCRWM contractor Kacich, Richard M. / BSC/ OCRWM contractor Russell, Paige R. Z. / DOE - OCRWM/ Scaglione, John / /
Recipients	Bonano, Evaristo J. / Sandia National Laboratory / OCRWM contractor Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Dyer, Russel J. / DOE - OCRWM/chief scientist Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer/ OCRWM contractor Gil, April V. / DOE - OCRWM Office of Repository Development / Regulatory Interactions and Strategy Division Director Gunter, Timothy / DOE - OCRWM Hogg, Robert / / Kacich, Richard M. / BSC Repository Development - Licensing and Nuclear Safety / Manager / OCRWM contractor Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor McClure, John / / Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst/ OCRWM contractor Newbury, Claudia M. / DOE - OCRWM official Orrell, Andrew / Sandia National Laboratory/ OCRWM contractor Pendleton, Martha W. / BSC Repository Development - Regulatory Compliance / BSC Principal Engineer I/ OCRWM contractor



Price, Joe C. / DOE - OCRWM Office of License Application & Strategy / Regulatory Interactions and Strategy Division Team Member  
 Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member  
 Scaglione, John / /  
 Wagner, John C. / /  
 Warther, Robert F. / DOE OCRWM / Federal LA Project Director  
 Williams, Jeffrey R. / DOE - OCRWM Office of National Transportation / Acting Director  
 Williams, Mark H. / DOE OCRWM - Regulatory Authority Office / Director

Author Recipient Relationship	The authors and recipients are DOE OCRWM and DOE contractor personnel who work on the YMP and who have responsibility for the subject matter of the communication.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns whether DOE should include burnup credit for postclosure criticality evaluations in the LA and what to state in the LA about data collection processes for model validation.
Deliberation Explanation	The document is part of DOE's decisionmaking process on the referenced topics, in that the authors' exchange opinions and recommendations on the licensing positions that DOE could take on the referenced topics and why. The document is part of the development of the issue to DOE for decision.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because it does not contain any factual section. The document consists of an email chain that provides the authors' subjective opinions and recommendations. Disclosure of the content would reveal the authors' opinions on the referenced topics and the grounds they believed supported those positions.
Doc Type	EMAIL

Participant Accession No.	ALB.20040621.6930
LSN Accession Number	DN2002481348
Doc Date	20040303
Title	Re: Licensing comments on SAR Section 1.4.1.1 Draft B
Subject Matter Description	This email conveys Augusto Zoleta's comments and recommended changes to SAR section 1.4.1.1 (Electric Power).
Authors	McDonnell, Thomas / DOE-OCRWM / OCRWM official
Recipients	Dokuzoguz, Halit / DOE-CRWMS / OCRWM official Honaker, Raymond / DOE-CRWMS / OCRWM official Meszaros, Christine / DOE-CRWMS / OCRWM official Minwalla, Homi J. / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist / OCRWM contractor
Author Recipient Relationship	The author and recipients are YMP who are responsible for the draft LA section.
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.	ALD.20050308.4402
LSN Accession Number	DN2002481317
Doc Date	20030131
Title	phyprotpaper-r3
Subject Matter Description	The document concerns the physical protection requirements in 10 CFR 73.51.
Authors	Ruffin, Steve R./ BSC Repository Development - Design and Engineering/
Recipients	Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis & Strategy/Development Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director Lahakis, John V. / / Saraka, Larry / BSC Repository Development - Waste Management Integration / PMC Technologies, Inc. Engineering Supervisor Siefken, David L. / BSC Repository Development - Waste Management Integration / PMC Technologies, Inc. Engineering Supervisor
Author Recipient Relationship	The author is a YMP contractor personnel. The recipients are the two DOE OCRWM officials with authority over the subject matter of the decision paper as well as other YMP contractor personnel who work on the subject matter of the paper.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns what interpretation of 10 CFR 73.51 DOE should adopt for the licensing proceeding and options to meet the regulation.



Deliberation Explanation	<b>The document provides the author's subjective opinions about the meaning of the regulation and provides options to DOE for meeting the regulation and recommendations regarding the presented options.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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. It provides regulatory analyses and options for future strategies, which are not discussions of existing fact. 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>
Other Privilege Types	<b>Privacy Proprietary Security-OUO Ex2</b>
Participant Accession No.	<b>MOL.20070802.0222</b>
LSN Accession Number	<b>DN2002481312</b>
Doc Date	<b>20060329</b>
Title	<b>CONCEPTUAL DESIGN ALTERNATIVES STUDY YUCCA MOUNTAIN REPOSITORY SURFACE FACILITIES - VOLUME 1 THRU 3 FINAL (C)</b>
Subject Matter Description	<b>The document concerns potential alternative designs for surface facilities at the YM repository.</b>
Authors	<b>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</b>
Recipients	<b>DOE Office of Civilian Radioactive Waste Management</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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.</b>
Doc Type	<b>REPORT</b>



## Change Type Withdrawals

Participant Accession No.	<b>ALB.20040824.5389</b>
LSN Accession Number	<b>DN2002336166</b>
Doc Date	<b>20040623</b>
Title	<b>Location of Certain Dose Calculations in the SAR</b>
Subject Matter Description	<b>Location of Certain Dose Calculations in the SAR</b>
Authors	<b>Trubatch, Sheldon/BSC/Attorney</b>
Recipients	<b>Andrews, Robert W. / BSC Repository Development / BSC Senior Project Manager</b> <b>Rautenstrauch, Kurt R. / BSC Repository Development - Environmental Scientist/Engineer / BSC Senior Environmental Scientist/Engineer</b> <b>Zhu, Ming / BSC Repository Development - Integration / Integrated Science Solutions, Inc. (ISSI) Principal Scientist</b>
Author Recipient Relationship	<b>Author and recipients are BSC 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 SAR and the form and content thereof.</b>
Deliberation Explanation	<b>The author is providing his recommendation and opinions on the proposed licensing positions in and form and content of 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>This document cannot be redacted because any factual information contained therein is 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);</b> <b>LWP-other (OPINION)</b>



## Change Type Corrections

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

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

Participant Accession No.	ALA.20040206.4636
LSN Accession Number	DEN001564460
Old LSN Accession Number	DEN000930340
Doc Date	19971210



Title	ATTACHMENT A EPA RADIATION PROTECTION FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN
Subject Matter Description	EPA RADIATION PROTECTION STANDARD FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN
Authors	Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/ Milner, Ronald/OCRFWM Office of Repository Development/Chief Operating Officer
Recipients	Brush, Peter / DOE / Holstein, Elgie / OMB / Livingston, Ellen / / Sullivan, Mary Anne / DOE - Office of General Counsel (OGC) / DOE Deputy General Counsel, Environmental and Nuclear Programs Wagner, M.L. / / Weathers, Peg / DOE / Preservation Board official /
Old Recipients	Brush, Peter / DOE / Holstein, Elgie / OMB / Livingston, Ellen / / Sullivan, Mary Anne / DOE - Office of General Counsel (OGC) / DOE Deputy General Counsel, Environmental and Nuclear Programs Wagner, M.L. / / Weathers, Peg / /
Author Recipient Relationship	The authors and recipients are YMP project personnel, including an attorney in the DOE OGC, with responsibility for YMP issues including radiation protection standards.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	This document concerns the potential agency positions and issues that should be raised by the DOE Secretary in a meeting with the NRC chairman.
Deliberation Explanation	This document recommends talking points and issues to be addressed during the DOE Secretary's meeting with the NRC chairman. It provides the authors' subjective recommendations of what the DOE Secretary should state in an interagency communication with EPA.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document was part of DOE's decisionmaking with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.
Doc Type	REPORT
Old Other Privilege Types	ACP-client to attorney
Participant Accession No.	ALA.20040207.7309
LSN Accession Number	DN2002479070
Old LSN Accession Number	DN2002330414
Doc Date	19991102
Title	TAB A DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING PROPOSED INDIVIDUAL PROTECTION STANDARD ("IPS")
Subject Matter Description	DOE Draft Comments and Responses to EPA Questions Regarding Proposed Individual Protection Standard ("IPS")
Authors	Fomous, John/ DOE/
Recipients	Barrett, Lake H./ DOE - OCRWM Office of the Deputy Director/
Author Recipient Relationship	The author and recipient are DOE employees with responsibility for the draft comments and responses.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.
Deliberation Explanation	The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Proposed Individual Protection Standard ("IPS") to assist DOE in deciding what agency position to adopt on the regulations.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	REPORT
Participant Accession No.	ALA.20040207.7310
LSN Accession Number	DN2002479258
Old LSN Accession Number	DN2002337782
Doc Date	19991102
Title	TAB B DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING PROPOSED GROUNDWATER RESOURCE PROTECTION STANDARD ("GPS")
Subject Matter Description	DOE Draft Comments and Responses to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS")
Authors	Fomous, John/ DOE/



Recipients	Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director/
Author Recipient Relationship	The author and recipient are DOE employees with responsibility for the draft comments and responses.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.
Deliberation Explanation	The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Proposed Groundwater Resource Protection Standard ("GPS") to assist DOE in deciding what agency position to adopt on the regulations.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	REPORT

Participant Accession No.	ALA.20040207.7312
LSN Accession Number	DN2002479039
Old LSN Accession Number	DN2002329394
Doc Date	19991102
Title	TAB D DOE COMMENTS AND RESPONSES TO EPA QUESTIONS REGARDING MISCELLANEOUS ISSUES CONCERNING THE PROPOSED YUCCA MOUNTAIN STANDARDS
Subject Matter Description	DOE Draft Comments and Responses to EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards
Authors	Fomous, John/ DOE/
Recipients	Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director/
Author Recipient Relationship	The author and recipient are DOE employees with responsibility for the draft comments and responses.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.
Deliberation Explanation	The document contains recommended positions and comments respecting DOE's response to EPA Questions Regarding Miscellaneous Issues Concerning Proposed YM Standards to assist DOE in deciding what agency position to adopt on the regulations.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	REPORT

Participant Accession No.	ALA.20040207.7313
LSN Accession Number	DN2002479154
Old LSN Accession Number	DN2002333694
Doc Date	19991102
Title	TAB E DOE COMMENTS ON THE BACKGROUND INFORMATION DOCUMENT FOR 40 CFR 197
Subject Matter Description	DOE Draft Comments on the Background Information Document for 40 CFR 197
Authors	Fomous, John/ DOE/
Recipients	Barrett, Lake H. / DOE - OCRWM Office of the Deputy Director/
Author Recipient Relationship	The author and recipient are DOE employees with responsibility for the draft comments and responses.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends positions to be taken by DOE in response to EPA questions regarding proposed standards affecting YMP.
Deliberation Explanation	The document contains recommended positions and comments respecting DOE's response to EPA Background Information Document for 40 CFR 197 to assist DOE in deciding what agency position to adopt on the regulations.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	DATA REPORT

Participant Accession No.	ALA.20040221.4170
LSN Accession Number	DN2002333653
Doc Date	20030411
Title	EVALUATION OF ALTERNATIVE WASTE FORMS FOR POSSIBLE INCLUSION IN REPOSITORY
Subject Matter Description	EVALUATION OF ALTERNATIVE WASTE FORMS FOR POSSIBLE INCLUSION IN REPOSITORY



Authors	Breault, Andrea / Booz Allen Hamilton/ Fomous, John/ Booz Allen Hamilton/ Hanson, Christopher / Booz Allen Hamilton/ Henkel, Charles / Shaw Group/Stone & Webster / Hennessy, William / Shaw Group/Stone & Webster / Miller, Michael A., P.E./ Booz Allen Hamilton Nutt, Mark/ Golder & Associates/ Rowe, Patrick/ MTS - Engineering & Design & Preclosure Safety Analysis/ Seitz, Martin/ Booz Allen Hamilton/ Shaffner, J. / Parallax Inc / Voss, Charles/ Golder & Associates / Zubajlo, Ruthie K. / Booz Allen Hamilton/
Recipients	OCRWM Office of Systems Analysis and Strategy Development
Author Recipient Relationship	The authors are contractors of DOE who were tasked by OCRWM to prepare the analysis of the subject report. The recipient is DOE's OCRWM Office of Systems Analysis and Strategy Development that has responsibility for the subject matter of the report.
Old Author Recipient Relationship	The authors are contractors of DOE who were tasked by OCRWM to prepare the analysis of the subject report.. The recipient is DOE's OCRWM Office of Systems Analysis and Strategy Development that has responsibility for the subject matter of the report.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	This documents identifies for DOE's decision regarding programmatic concerns and provides recommendations concerning the suitability of adding stabilized plutonium and untreated sodium-bonded spent nuclear fuel as waste forms for inclusion in the repository baseline.
Old DP Decision Information	This documents identifies for DOE's decision programmatic concerns and provides recommendations concerning the suitability of adding stabilized plutonium and untreated sodium-bonded spent nuclear fuel as waste forms for inclusion in the repository baseline.
Deliberation Explanation	This document provides the authors' recommendations and opinions on the position DOE's OCRWM Office of Systems Analysis and Strategy Development should take on the addition of the waste forms to the YM repository.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document does not discuss facts as such. It makes various assumptions and provides analysis based on those assumptions.
Doc Type	DATA DRAWING FINANCIAL STATEMENT MEETING AID REPORT
Participant Accession No.	ALA.20040308.7968
LSN Accession Number	DN2002457999
Doc Date	20021030
Title	MODULAR CONSTRUCTION SYSTEM EVALUATION PRE- DECISIONAL STUDY
Subject Matter Description	Design study that recommends repository design options to support receipt and/or emplacement of CSNF, HLW, and DOE-managed SNF.
Authors	Benz, Edward F./ BSC Repository Development - Chief Science Officer/ Gillespie, Scott G./ BSC Repository Development - Conversion/ Siefken, David L./ BSC Repository Development - Program Integration/ Williams, Nancy H./ BSC Repository Development/
Recipients	Cereghino, Stephen J./ BSC Repository Development - Conversion/ Cotton, Thomas/ BSC Repository Development - Program Integration/ Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Mellington, Suzanne P./ DOE - OCRWM Offcie of Business Support and Resource Management/ Ziegler, Joseph/DOE OCRWM/Licensing Director
Author Recipient Relationship	The authors are personnel with the the DOE M&O contractor for the YMP. The recipients are DOE officials who are responsible for the subject matter of the document, and other M&O personnel assisting DOE on the matter.
Old Author Recipient Relationship	The authors are personnel with the the DOE MTO contractor for the YMP. The recipients are DOE officials who are responsible for the subject matter of the document, and other MTO personnel assisting DOE on the matter.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	This evaluation was presented to DOE for its review for DOE's use in selecting a repository design to support receipt and/or placement of CSNF, HLW, DOE-managed SNF. It precedes DOE's decision on which option to choose.
Deliberation Explanation	This document is deliberative because it presents several scenarios for DOE to consider. It was prepared by DOE's contractor for DOE, and presents the analysis, opinions and recommendations of the contractor. It is the type of document and information that DOE relies upon in its decisional process.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.



Doc Type	DATA DRAWING LIST PHOTOGRAPH REPORT
Participant Accession No.	ALA.20040324.6722
LSN Accession Number	DN2002334742
Doc Date	20001212
Title	PORB POSITION PAPER
Subject Matter Description	The document concerns selection of a temperature operating mode for the YM repository.
Authors	Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Director Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead
Recipients	PORB
Author Recipient Relationship	The authors are YMP project personnel. The recipients are project personnel who serve on the PORB.
Old Author Recipient Relationship	The authors are YMP project personnel.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns whether DOE should select and analyze a representative lower temperature operating mode in the Site Recommendation Report as an alternative to the base case.
Deliberation Explanation	The document provides the authors' recommendations on the topic, the authors' opinions on various potential scenarios that could be considered, the potential advantages of each, and assessments of the estimated cost of each.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any factual section or other factual information. It presents potential scenarios and subjective opinions about them.
Doc Type	DATA REPORT
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
Old Recipients	Voegele, Michael D. / BSC Repository Development - Conversion / BSC Program Manager
Author Recipient Relationship	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 /
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.20040612.9507
LSN Accession Number	DN2002336319
Doc Date	20000912
Title	SNFIssues09-12
Subject Matter Description	The subject matter is proposed licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.
Authors	M&O Licensing
Recipients	<p>Bailey, Jack/ BSC Repository Development - Integration/  Beckman, Donald/ BSC Repository Development /  Benz, Edward F./ BSC Repository Development - Chief Science Officer/  Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/  Bruno, Thomas/ /  Burgoyne, Robert/ MTS - Transportation/  Carlson, James/ DOE - OCRWM/  Clark, Robert W./ DOE - OCRWM/  Clouet, John / TRW / M&amp;O Contractor  Draffin, Cyril / TRW / M&amp;O Contractor  Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/  Evans, Deborah  Gomberg, Steve/ DOE - OCRWM Office of Waste Management/  Gunter, Timothy/ DOE - OCRWM Office of Repository Development/  Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/  Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/  Howard, Robert L./ BSC Repository Development - Conversion/  Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/  Pointer, Kenneth/ BSC Repository Development - LSN/  Pollog, Thomas / RW/DOE /  Popa, Markus A./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/  Price, Joe C./ DOE - OCRWM Office of License Application &amp; Strategy/  Scott, Michael L./ BSC Repository Development - Management &amp; Operations/  Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/  Sequeira, Gary/ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/  Slater, Nancy / DOE/RW /  Stambaugh, Roberta / SNL /  Stockman, Christine / SNL /  Sweeney, Timothy / BSC /  Thornton, Thomas / BSC / OCRWM contractor /  Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/  Vance, Scott / TRW/JAI / M&amp;O Contractor  Vlahakis, John/ DOE/  Weber, Carl / DOE/OQA /  Williams, Jeffrey R./ DOE - OCRWM Office of Project Management and Engineering/  Zabransky, Dave K./ DOE - OCRWM/</p>
Old Recipients	<p>Bailey, Jack/ BSC Repository Development - Integration/  Beckman, Donald/ BSC Repository Development /  Benz, Edward F./ BSC Repository Development - Chief Science Officer/  Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/  Bruno, Thomas/ /  Burgoyne, Robert/ MTS - Transportation/  Carlson, James/ DOE - OCRWM/  Clark, Robert W./ DOE - OCRWM/  Clouet, John / TRW /  Draffin, Cyril / TRW /  Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/  Evans, Deborah  Gomberg, Steve/ DOE - OCRWM Office of Waste Management/  Gunter, Timothy/ DOE - OCRWM Office of Repository Development/  Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</p>



Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/  
Howard, Robert L./ BSC Repository Development - Conversion/  
Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/  
Pointer, Kenneth/ BSC Repository Development - LSN/  
Pollog, Thomas / RW/DOE /  
Popa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/  
Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/  
Scott, Michael L./ BSC Repository Development - Management & Operations/  
Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/  
Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/  
Slater, Nancy / DOE/RW /  
Stambaugh, Roberta / SNL /  
Stockman, Christine / SNL /  
Sweeney, Timothy / BSC /  
**Thornton, Thomas / /**  
Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/  
**Vance, Scott / TRW/JAI /**  
Vlahakis, John/ DOE/  
Weber, Carl / DOE/OQA /  
Williams, Jeffrey R./ DOE - OCRWM Office of Project Management and Engineering/  
Zabransky, Dave K./ DOE - OCRWM/

Author Recipient Relationship	The authors and recipients are DOE and DOE contractor personnel supporting the YMP with responsibility for developing licensing strategy on the issues addressed.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	DP information in this document includes analysis and information regarding proposed licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.
Deliberation Explanation	The document provides the basis for discussing and and resolving licensing strategy for DOE SNF and related issues: (1) basis of qualification (technical assessment v. physical characterization v. other options); (2) need for qualification beyond DBE; (3) likely success of robust canister concept; and (4) amount of information needed for acceptance at repository.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT LIST REPORT

Participant Accession No.	ALA.20040617.0068
LSN Accession Number	DN2002479081
Old LSN Accession Number	DN2002306504
Doc Date	20030602
Title	Comment on J King Position
Subject Matter Description	This is the attachment to the 6/4/03 email of Jerry King.
Authors	King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager
Recipients	Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist Coppersmith, K. / / Probabilistic seismic hazard analysis Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I Pernisi, Richard / BSC / Quittmeyer, Richard C. / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist Richardson, Dennis C. / BSC Repository Development - Project Engineers / BSC Project Engineer Savino, John / MTS/BAH / Stepp, Carl / BSC / Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Principal Engineer I
Author Recipient Relationship	The author and the recipients are DOE MTO contractor personnel with responsibility for the subject matter of the draft position paper discussed in the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer



DP Decision Information	This documents concerns what position DOE should adopt for the licensing proceeding with respect to the regulatory intent of 10 CFR 63.102(f) regarding the limits for seismic initiating events.
Deliberation Explanation	This documents provides a draft licensing position on the referenced topic and provides the author's opinion and recommendations concerning edits. The document was prepared as part of DOE's request to the MTO contractor for recommendations on the referenced topic, to assist DOE decisionmaking on what position to adopt.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT LIST REPORT
Participant Accession No.	ALA.20040618.0096
LSN Accession Number	DN2002331434
Doc Date	20031212
Title	SZ recycling comments, Swift and Arnold
Subject Matter Description	Chain of emails discussion comments on a draft licensing position paper addressing the potential exclusion of irrigation recycling from the TSPA.
Authors	Arnold, Bill / Sandia / DOE contractor Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ DOE contractor Zhu, Ming / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist / DOE contractor
Old Authors	Arnold, Bill / Sandia Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ Zhu, Ming / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist
Recipients	Andrews, Robert W./ BSC Repository Development/ Arnold, Bill / SNL / Bailey, Jack/ BSC Repository Development/ Cereghino, Stephen J./ BSC Repository Development - License Application/ Dixon, Paul R. / BSC Repository Development - Subcontractor Department / Los Alamos National Laboratory (LANL) Laboratory Lead Echols, Francis / BSC / DOE contractor Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor Howard, Robert L./ BSC Repository Development - Performance Assessment Strategy and Scope/ Kuzio, Stephanie / Sandia National Laboratory / OCRWM Contractor Pendleton, Martha W./ BSC Repository Development - Science Integration/ Skoblar, Leonard/ BSC Repository Development - Regulatory Coordination Group/ Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ Williams, Nancy H./ BSC Repository Development/ Wisenburg, Mark R./ BSC Repository Development - Licensing & Analysis/ Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I
Old Recipients	Andrews, Robert W./ BSC Repository Development/ Arnold, Bill / SNL / Bailey, Jack/ BSC Repository Development/ Cereghino, Stephen J./ BSC Repository Development - License Application/ Dixon, Paul R. / BSC Repository Development - Subcontractor Department / Los Alamos National Laboratory (LANL) Laboratory Lead Echols, Francis Hardin, Ernest / BSC Repository Development - Natural Systems / BSC Project Manager Howard, Robert L./ BSC Repository Development - Performance Assessment Strategy and Scope/ Kuzio, Stephanie / DOE / Pendleton, Martha W./ BSC Repository Development - Science Integration/ Skoblar, Leonard/ BSC Repository Development - Regulatory Coordination Group/ Swift, Peter N./ BSC Repository Development - Total System Performance Assessment/ Williams, Nancy H./ BSC Repository Development/ Wisenburg, Mark R./ BSC Repository Development - Licensing & Analysis/ Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I
Author Recipient Relationship	The authors and recipients are DOE M&O contract personnel.
Old Author Recipient Relationship	The authors and recipients are DOE MTO contract personnel.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The decision is whether to include or exclude irrigation recycling in the TSPA.



Deliberation Explanation	<b>The email change reflects the debate and deliberation of the Yucca Mountain Project personnel with responsibility for making a recommendation on 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>The email chain contains no separate factual background or discussion. The comments in the email are evaluative, set forth and debate assumptions, and pervasively reference the appropriate regulatory analysis.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (OPINION)</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>
Old Author Recipient Relationship	<b>Authors and recipients are DOE MTO 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>
Old 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>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</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>
Old 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>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</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>
Old 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>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</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>
Old 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>EMAIL-ATT</b>



# REPORT

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

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

Participant Accession No.	ALA.20040621.7276
LSN Accession Number	DN2002335064
Doc Date	20040325
Title	lr_sar_136_tables_MJL
Subject Matter Description	The subject matter is certain tables draft Chapter 1: Repository Safety Before Permanent Closure and Quality comments from the LAD Production Team.
Authors	Lad Production Team McIlvaine, Jim / BSC Repository Development /
Recipients	Bryan, Martin C / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Program Manager Carl Jr., William F. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist Darling, David B. / BSC Repository Development - Engineering Production / BSC Project Engineer Gonzales, Lou / BSC Repository Development - Facilities Design / Testing Lead Honaker, Raymond



Jessen, James P. / BSC Repository Development - Engineering Production / BSC Senior Engineer  
Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist  
Kutzer, John F./ BSC Repository Development - LA Completion/  
Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist  
Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist

Author Recipient Relationship	<b>Authors and recipients are DOE M&amp;O contractors responsible for the subject draft LA section.</b>
Old Author Recipient Relationship	<b>Authors and recipients are DOE MTO contractors responsible for the subject draft LA section.</b>
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section, and its form and content.
Deliberation Explanation	The LAD Production Team authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft LA section.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA EMAIL-ATT LIST REPORT

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



Doc Type	EMAIL-ATT
Participant Accession No.	ALA.20040824.3989
LSN Accession Number	DN2002330918
Doc Date	20040604
Title	Comments GI Section 5
Subject Matter Description	The subject matter is draft license application, section 5, General Information.
Authors	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney Oney, Thomas / Hunton & Williams, LLP / Attorney Perkins, Shelby / DOE - Office of General Counsel (OGC) / Attorney
Recipients	Ang, Marybelle C./ DOE - Office of General Counsel (OGC)/ Attorney Edwards, W J./ Hunton & Williams, LLP/ Attorney Fillmore, Robert M./ Hunton & Williams, LLP/ Attorney Irwin, Donald/ Hunton & Williams, LLP/ Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Rinaca, James/ Hunton & Williams, LLP/ Attorney
Old Recipients	Ang, Marybelle C./ DOE - Office of General Counsel (OGC)/ Edwards, W J./ Hunton & Williams, LLP/ Fillmore, Robert M./ Hunton & Williams, LLP/ Irwin, Donald/ Hunton & Williams, LLP/ Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer Rinaca, James/ Hunton & Williams, LLP/
Author Recipient Relationship	Authors and recipients are licensing counsel and a DOE employee responsible for the subject draft LA (or SAR) sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The licensing attorney authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	CORRESPONDENCE EMAIL-ATT LEGAL DOCUMENT LIST
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)
Participant Accession No.	ALA.20040824.6129
LSN Accession Number	DN2002335521
Doc Date	20040610
Title	Comments SAR Section 2.3.4doc
Subject Matter Description	Memorandum with attorney comments on draft SAR Section 2.3.4
Authors	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Jo Ann Biggs / Hunton & Williams / Attorney
Recipients	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Reynolds, Myles / Hunton & Williams, LLP / Attorney
Old Recipients	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Email: Dan_Kane@ymp.gov; telephone: 702-794-5511 Postclosure and License Acquisition Division Nuclear Engineer Reynolds, Myles / Hunton & Williams, LLP / Attorney
Author Recipient Relationship	The authors are, respectively, attorneys with the DOE Office of General Counsel who work on Yucca Mountain Project matters and DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and DOE outside licensing counsel who have responsibility for the draft document that is the subject of counsel's advice.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the



	privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>ACP-discusses attorneys advice;</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2773</b>
LSN Accession Number	<b>DN2002481371</b>
Old LSN Accession Number	<b>DN2002472738</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>
Old Subject Matter Description	<b>Bradbury comments SAR Section 1.6</b>
Authors	<b>Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory) / DOE contractor</b>
Old Authors	<b>Bradbury, Robert / MTS - Regulatory / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Old Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft SAR section</b>
Old 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</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2774</b>
LSN Accession Number	<b>DN2002481377</b>
Old LSN Accession Number	<b>DN2002474215</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>
Old Authors	<b>Johns, Jeff / /</b>
Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor</b>
Old Recipients	<b>Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors responsible for the subject draft SAR section</b>
Old 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</b> <b>REPORT</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20040831.2775</b>
LSN Accession Number	<b>DN2002332023</b>



Doc Date	20040616
Title	Kathryn Knapp 1.6
Subject Matter Description	Comments from Kathryn Knapp on draft SAR section 1.6 (Identification of Hazards and Initiating Events).
Authors	Knapp, Kathryn / MTS - Environment, Safety & Health Team / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist / DOE contractor
Old Authors	Knapp, Kathryn / MTS - Environment, Safety & Health Team / Booze Allen Hamilton (BAH) Senior Environmental Engineer/Scientist
Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor
Old Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)
Author Recipient Relationship	The authors and recipients are DOE M&O contractor personnel responsible for development of this draft section of the SAR.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20040831.2776
LSN Accession Number	DN2002481375
Old LSN Accession Number	DN2002473078
Doc Date	20040614
Title	Nutt Review Comments (Section 1.6)
Subject Matter Description	Review Comments Draft SAR Section 1.6 Identification of Hazards and Initiating Events, W. Mark Nutt
Authors	Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead / DOE contractor
Old Authors	Nutt, William M. / MTS - Technical Expertise Teams Coordinator / Golder Associates Team Lead
Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor
Old Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)
Author Recipient Relationship	Authors and recipients are DOE contractors responsible for the subject draft SAR sections
Old Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL-ATT REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20040831.2777
LSN Accession Number	DN2002481370
Old LSN Accession Number	DN2002472543
Doc Date	20040615
Title	Osborne Chapter 1.6 Hazards Comments
Subject Matter Description	The document concerns section 1.6 of the draft LA, which concerns identification of hazards and initiating events.
Old Subject Matter Description	Osborne Chapter 1.6 Hazards Analysis Comments
Authors	Osborne, James / DOE - OCRWM Office of Facility Operations / Site Operations Team member
Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory) / DOE contractor
Old Recipients	Morgan, Tish / MTS - Regulatory / Booze Allen Hamilton (BAH) Staff Scientist (Regulatory)
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft SAR section
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section



Circulated Draft Affirmation	<b>This document has been reviewed and 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>
Old 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 / SNL /</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>
Old DP Decision Information	<b>The document concerns what strategy DOE should adopt toward development of a preliminary confirmation plan in the LA, with respect to the state of its development and specify in the LA.</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 / Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Old 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 Office of License Application &amp; Strategy / Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy / Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
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>
Old DP Decision Information	<b>The document concerns what licensing position should DOE adopt, under the YM regulations, with respect to recycling of groundwater for purposes of establishing compliance with safety standards.</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.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>
Old Authors	<b>CN=Jaime Gonzalez / OU=YD/O=RWDOE /</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.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>
Old Authors	<b>Haas, Martin / BSC / Su, Steve / BSC /</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	EMAIL-ATT LIST REPORT
Participant Accession No.	ALA.20050317.4712
LSN Accession Number	DN2002470511
Doc Date	19990203
Title	Re: YDAR No. 20372/White Papers Re: Defense in Depth
Subject Matter Description	The document sets forth the authors' discussion of whether to accept or reject two white papers as meeting the requirements of a deliverable from the M&O. The subject white papers relate to postclosure repository design bases and the viability assessment reference system.
Authors	Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/
Recipients	Andrews, Robert W./ BSC Repository Development - Conversion/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Dockery, Holly / YMP Personnel Dove, Harvey/ BSC Repository Development - Science & Analysis/ Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Weber, Ellyn / Innovations / OCRWM contractor Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/
Old Recipients	Andrews, Robert W./ BSC Repository Development - Conversion/ Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Dockery, Holly / YMP Personnel Dove, Harvey/ BSC Repository Development - Science & Analysis/ Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Gil, April V./ DOE - OCRWM Office of Repository Development/ Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Richardson, Dennis C./ BSC Repository Development - Conversion/ Rickertsen, Larry D./ BSC Repository Development - Conversion/ Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / 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. Weber, Ellyn / Innovations / Weber, Ellyn / YMP Personnel Williams, Dennis/ DOE - OCRWM/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/ Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/
Author Recipient Relationship	The authors are officials within OCRWM, and the recipients are other officials within OCRWM as well as DOE's M&O contractor personnel.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Whether to accept or reject YDAR No. 20372 (2 white papers regarding (i) Postclosure Repository "Defense-in-Depth" Design Bases and (ii) Postclosure "Defense-in-Depth" Evaluation - The Viability Assessment Reference System).
Deliberation Explanation	The author sets forth an extensive analysis of the two subject white papers with a rationalize for accepting or rejecting the deliverable from the M&O contractor.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document contains no separate "factual" discussion or background section. Rather, its content is purely analytical and evaluative, reflecting the author's assessment of the reviewed papers and whether they meet the requirements for the deliverable from the M&O Contractor.
Doc Type	EMAIL
Other Privilege Types	LWP-other (OPINION)

Participant Accession No.	ALA.20050323.2826
LSN Accession Number	DN2002332693



Doc Date	<b>20040607</b>
Title	<b>Atty Comments SAR 5.9</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Edwards, W. Jeffrey / Hunton &amp; Williams, LLP / Attorney</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b>
Recipients	<b>Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Ralphs, Philip / DOE - CRWMS /</b> <b>Zacccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead / OCRWM contractor</b>
Old Recipients	<b>Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Ralphs, Philip / DOE - CRWMS /</b> <b>Zacccone, Charlotte A. / MTS - Engineering / Booz Allen Hamilton (BAH) Team Lead</b>
Author Recipient Relationship	<b>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</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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</b>
Deliberation Explanation	<b>The attorneys are 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 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.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b> <b>LIST</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.20050323.2827</b>
LSN Accession Number	<b>DN2002479160</b>
Old LSN Accession Number	
Doc Date	<b>20040623</b>
Title	<b>Bradbury-DOE Comments on SAR Section 5.10</b>
Subject Matter Description	<b>Bradbury-DOE Comments on SAR Section 5.10</b>
Authors	<b>Bradbury, Robert/ MTS - Licensing/ OCRWM contractor</b>
Old Authors	<b>Bradbury, Robert/ MTS - Licensing/</b>
Recipients	<b>Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer</b> <b>Ralphs, Philip / DOE - CRWMS /</b>
Author Recipient Relationship	<b>The author is a DOE contractor, and the recipients are project personnel who have responsibility over the development of SAR section 5.10 (technical specifications)</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-ATT</b> <b>LIST</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20050323.2834</b>
LSN Accession Number	<b>DN2002479127</b>
Old LSN Accession Number	
Doc Date	<b>20040611</b>
Title	<b>RW-20E 5.6</b>
Subject Matter Description	<b>Comments on Section 1.12-Plans for Permanent Closure and Decontamination; Draft License Application: Section 1.3.5 -Subsurface Facility Ventilation, and Section 1.4.2-Controls and Monitoring (RW-20E 5.6)</b>
Authors	<b>Project personnel who have responsibility for development of SAR section 1.4.2</b>
Recipients	<b>Capshaw, Roy / OCRWM - Office of Quality Assurance / Quality Assurance Engineer</b>



	<b>Ralphs, Philip / DOE - CRWMS /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE 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 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-ATT LIST REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20050323.4013</b>
LSN Accession Number	<b>DN2002337966</b>
Doc Date	<b>20040719</b>
Title	<b>YM-4071-v2-Comments on 2.3.5 and 2.3.6 7 6 04 Version</b>
Subject Matter Description	<b>DOE licensing counsel comments on Chapter's 2.3.5 and 2.3.6 of the draft LA</b>
Old Subject Matter Description	<b>DOE licensing counsel comments on Chapter's 2.3.5 and 2.3.6 [Rev. 00, Draft A Chapter Review (double-spaced version)] Review Comments</b>
Authors	<b>Holloway, John / Hunton &amp; Williams, LLP / Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Old Authors	<b>Holloway, John / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Ang, Marybelle C. / 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 Kordyak, Angela / DOE - Office of General Counsel (OGC) / Attorney</b>
Old Recipients	<b>Ang, Marybelle C. / DOE - Office of General Counsel (OGC) / DOE Attorney Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer 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 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.20050331.6983</b>
LSN Accession Number	<b>DN2002331653</b>
Doc Date	<b>20041006</b>
Title	<b>e-mail from Jeff Williams</b>
Subject Matter Description	<b>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.</b>
Authors	<b>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/ Siddoway, Dean / DOE Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/</b>
Recipients	<b>Bailey, Jack N./ BSC/ Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Boyle, William J/ DOE - OCRWM Office of Repository Development/ Brook, Robert / DOE</b>



	<p>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney</p> <p>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Morgan, Robert G./ BSC Repository Development - Chief Science Officer/</p> <p>Siddoway, Dean / DOE</p> <p>Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director</p> <p>Williams, Nancy H./ BSC Repository Development - Licensing &amp; Engineering/</p> <p>Ziegler, Joseph/ DOE-OCRWM/Licensing Director/</p>
Old Recipients	<p><b>Bailey, Jack N./ BSC/TRW/</b></p> <p>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney</p> <p>Boyle, William J/ DOE - OCRWM Office of Repository Development/</p> <p>Brook, Robert / DOE</p> <p>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney</p> <p>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Morgan, Robert G./ BSC Repository Development - Chief Science Officer/</p> <p>Siddoway, Dean / DOE</p> <p>Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director</p> <p>Williams, Nancy H./ BSC Repository Development - Licensing &amp; Engineering/</p> <p>Ziegler, Joseph/ DOE-OCRWM/Licensing Director/</p>
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	<p>ACP-attorney to client;</p> <p>ACP-client to attorney;</p> <p>LWP-other (FACT);</p> <p>LWP-other (OPINION)</p> <p>LWP-prepared by attorney (FACT);</p> <p>LWP-prepared by attorney (OPINION);</p>
Participant Accession No.	ALA.20050421.2834
LSN Accession Number	DN2002333153
Doc Date	20050126
Title	GI-4 Draft B
Subject Matter Description	The draft LA section (General Information) concerns a proposed material control and accounting program to be implemented in connection with the YM repository to meet the requirements of 10 CFR 63.21(b)(4).
Authors	Hammermeister, Heather L./ BSC Repository Development - Document Development & Production/
Recipients	<p>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</p> <p>Crosland, Martha / DOE OGC/attorney</p> <p>Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / DOE Security Specialist</p> <p>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</p> <p><b>Garrett, D. / Hunton &amp; Williams, LLP / Assistant to Attorney Robert Fillmore</b></p> <p>Irwin, Donald / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</p> <p>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</p> <p>Kelsonson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist</p> <p>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead</p> <p>Meacham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist</p> <p>Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Analyst/Modeler</p> <p>Oney, Thomas / Hunton &amp; Williams, LLP / Attorney</p> <p>Powell, David / BSC</p> <p>Ruffin, Steve R. / BSC Repository Development - Systems Engineering &amp; Integration / Feasibility and Support</p>



	<b>Trubatch, Sheldon/BSC/Attorney</b>
Old Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Crosland, Martha / DOE OGC/attorney</b> <b>Einberg, Christian E. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / DOE Security Specialist</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Garrett, D. / Hunton &amp; Williams, LLP /</b> <b>Irwin, Donald / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</b> <b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer</b> <b>Kelmenson, Ronald L. / BSC Repository Development - License Application / BSC Senior Engineering Specialist</b> <b>Kutzer, John F. / BSC Repository Development - LA Completion / Beckman &amp; Associates (B&amp;A) or (BAA) Project Manager/Laboratory Lead</b> <b>Meacham, Paul / BSC Repository Development - Licensing / Integrated Science Solutions, Inc. (ISSI) Technical Specialist</b> <b>Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Analyst/Modeler</b> <b>Oney, Thomas / Hunton &amp; Williams, LLP / Attorney</b> <b>Powell, David / BSC</b> <b>Ruffin, Steve R. / BSC Repository Development - Systems Engineering &amp; Integration / Feasibility and Support</b> <b>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</b> <b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</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.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</b> <b>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Fillmore, Robert M./ Hunton &amp; Williams, LLP/ Attorney</b>
Old Recipients	<b>Capoferri, Anita / DOE - Office of General Counsel (OGC) / Attorney</b> <b>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/</b> <b>Fillmore, Robert M./ Hunton &amp; Williams, LLP/</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 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>



**LIST  
REPORT**

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.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>
Old Authors	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Recipients	<b>DOE OGC Attorneys and Hunton and Williams Attorneys</b>
Old 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 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</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.20050523.2759</b>
LSN Accession Number	<b>DN2002335454</b>
Doc Date	<b>20050308</b>
Title	<b>Comments on SAR Section 1.14</b>
Subject Matter Description	<b>This document contains comments and analysis concerning materials referenced in draft SAR section 1.14.</b>
Authors	<b>Fish, Robert/ MTS - Engineering/ OCRWM Contractor</b> <b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy / Lead</b>
Old Authors	<b>Fish, Robert/ MTS - Engineering/</b> <b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy / Lead</b>
Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer/OCRWM Contractor</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</b> <b>Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor</b>
Old Recipients	<b>Beard, Kristina / Hunton &amp; Williams, LLP / Attorney</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Fish, Robert / MTS - Post Closure Safety Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</b> <b>Thomas, Daniel A. / BSC Repository Development - Criticality / BSC Engineering Supervisor</b>
Author Recipient Relationship	<b>The authors are contractor personnel and an OCRWM official. The recipients are DOE counsel, officials at OCRWM, and DOE's M&amp;O contractor personnel 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>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. Moreover, the authors are identifying potential issues that could arise in the potential</b>



	licensing proceeding.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20050523.3430
LSN Accession Number	DN2002336403
Doc Date	20041105
Title	LA Section 1.5.1 (low resolution)
Subject Matter Description	The document is a copy of the draft section 1.5.1 of the draft LA, with the author's handwritten comments as marginalia. The draft section concerns the proposed range of parameters for wastes under consideration for possible receipt on the YM repository, the proposed designed of canisters for such waste forms, and the proposes development of source term data to be used in preclosure safety analyses.
Authors	Brock, Robert T./ BSC Repository Development/
Recipients	Clark, Steven / BSC Richmond, Nicole / BSC / M&O Contractor
Old Recipients	Clark, Steven / BSC Richmond, Nicole/BSC
Author Recipient Relationship	Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns the proposed licensing positions on the referenced subject matters of the draft LA section, as well as the form and content of the discussion on those topics to be in the LA.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA DRAWING EMAIL-ATT LIST PHOTOGRAPH REPORT
Participant Accession No.	ALA.20050527.6004
LSN Accession Number	DN2002332710
Doc Date	20041105
Title	DOE
Subject Matter Description	The subject matter is section 4 of the draft license application covering the performance confirmation plan.
Authors	Noonan, Edward P./Hunton & Williams/ Attorney
Old Authors	Noonan, Edward P./Hunton & Williams
Recipients	Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Biggs, Jo Ann / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract / OCRWM Contractor Weaver, Douglas / SNL / BSC Subcontractor
Old Recipients	Bailey, Jack / BSC Repository Development - Systems Engineering & Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Biggs, Jo Ann / Hunton & Williams, LLP / Attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Weaver, Douglas / SNL /
Author Recipient Relationship	Authors and recipients are DOE employees or contractors, including attorneys with DOE OGC and DOE outside licensing counsel, responsible for the subject draft LA (or SAR) sections



Determining Official	<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>
Old Authors	<b>DOE OGC attorneys and 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>
Old Recipients	<b>DiNunzio, Nick P./ DOE - Office of General Counsel (OGC)/</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>
Old 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 / Reports to William Boyle (who is the Director of Postclosure and License Acquisition Div.). Postclosure and License Acquisition Division Team Member Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney Gamble, Robert / MTS / MTS/Booz-Allen Support Contract Weaver, Douglas / SNL /</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; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)</b>
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>
Old 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 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 DRAWING 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.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. DOE OGC's outside attorneys with Hunton &amp; Williams LLP</b>
Authors	<b>DOE OGC attorneys DOE OGC's outside attorneys</b>
Old Authors	<b>DOE OGC attorneys</b>
Recipients	<b>DOE employees and contractors responsible for the subject draft LA (or SAR) sections/</b>
Old 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</b>



	<b>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> <b>Cereghino, Stephen J./ BSC Repository Development - Conversion/</b> <b>Franklin, David / Navy Reactors /</b> <b>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Hutchins, William/ BSC Repository Development - License Application/</b> <b>Irwin, Donald/ Hunton &amp; Williams, LLP/ Attorney</b> <b>Richardson, Dennis C./ BSC Repository Development - Conversion/</b> <b>Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b> <b>Wisenburg, Mark R./ BSC Repository Development - Conversion/</b>
Old Recipients	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/</b> <b>Brock, Robert T./ BSC Repository Development/</b> <b>Cereghino, Stephen J./ BSC Repository Development - Conversion/</b> <b>Franklin, David / Navy Reactors /</b> <b>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Hutchins, William/ BSC Repository Development - License Application/</b> <b>Irwin, Donald/ Hunton &amp; Williams, LLP/</b> <b>Richardson, Dennis C./ BSC Repository Development - Conversion/</b> <b>Rinaca, James/ Hunton &amp; Williams, LLP/</b> <b>Wisenburg, Mark R./ BSC Repository Development - Conversion/</b>
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;</b> <b>ACP-client to attorney;</b> <b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b> <b>LWP-prepared by attorney (FACT);</b> <b>LWP-prepared by attorney (OPINION);</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>
Old Authors	<b>Rasmussen, Kirk D./ Hunton &amp; Williams, LLP/</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 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.20050801.5845</b>
LSN Accession Number	<b>DN2002479100</b>
Old LSN Accession Number	
Doc Date	<b>20050616</b>
Title	<b>Proposed addition to SAR 2.3.6</b>
Subject Matter Description	<b>The document concerns Section 2.3.6 of draft License Application regarding common-mode failures.</b>
Old Subject Matter Description	<b>Proposed addition to SAR 2.3.6</b>
Authors	<b>Hanauer, Stephen H. / DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Stahl, David /DOE/ OCRWM Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Old Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead 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 Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Stahl, David /DOE/ Ziegler, Joseph/DOE OCRWM/Licensing Director</b>
Author Recipient Relationship	<b>The author is an official within OCRWM. The recipients are OCRWM officials and an attorney with DOE's office of general counsel.</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. The author proposes that changes be made by DOE in SAR section 2.3.6 as well as recommending changes to the DOE's position on common mode failures.</b>
Deliberation Explanation	<b>The document provides the author's subjective opinions about SAR section 2.3.6 as well as his analysis and proposed recommendations for this draft SAR section and the then-current licensing position for this draft section.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20051003.0012</b>
LSN Accession Number	<b>DN2002468859</b>
Doc Date	<b>20050815</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>
Old Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft 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>
Old 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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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</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>
Old Authors	<b>Yuan, YuChien</b>
Recipients	<b>Chen, Ming / BSC</b>
	<b>Platten, Fred</b>
	<b>Richmond, Nicole / BSC / M&amp;O Contractor</b>
	<b>Suarez, Diego / BSC Repository Development - LA Completion / BSC Senior Engineering Specialist</b>
Old Recipients	<b>Chen, Ming</b>
	<b>Platten, Fred</b>
	<b>Richmond, Nicole</b>
	<b>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>
Old 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 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</b>
	<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>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>



Old 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.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 / Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Johnson, Tracy / BSC / M&amp;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/ Zacccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ OCRWM contractor</b>
Old 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 Gardiner, James T./ BSC Repository Development - Mechanical Engineers/ Johnson, Tracy/BSC 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/ Zacccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE contractors, project personnel and licensing 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>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.</b>
Deliberation Explanation	<b>The authors, including licensing counsel, 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>
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.20051003.2572</b>
LSN Accession Number	<b>DN2002330548</b>
Doc Date	<b>20050414</b>
Title	<b>DOE Draft A Comments on Section 1.2.5 Part 2</b>
Subject Matter Description	<b>The document concerns sections of the draft LA concerning the cask cavity gas sampling system and the cask and water package inerting system.</b>
Authors	<b>King, Ann/BSC</b> <b>Project personnel who have responsibility over development of this draft SAR section</b>
Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Cereghino, Stephen J./ BSC Repository Development - Conversion/</b> <b>Cochrane, Colin / BSC /</b> <b>Gardiner, James T./ BSC Repository Development - Mechanical Engineers/</b> <b>Johnson, Tracy / BSC / M&amp;O Contractor</b> <b>Kumar, Paul A./ BSC Repository Development - Conversion/</b> <b>Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager</b> <b>Anaylst/Modeler</b> <b>Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/</b> <b>Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ OCRWM Contractor</b>
Old Recipients	<b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Cereghino, Stephen J./ BSC Repository Development - Conversion/</b> <b>Cochrane, Colin/BSC</b> <b>Gardiner, James T./ BSC Repository Development - Mechanical Engineers/</b> <b>Johnson, Tracy/BSC</b> <b>Kumar, Paul A./ BSC Repository Development - Conversion/</b> <b>Morgan, Robert G. / BSC Repository Development - LA Completion / COGEMA Resources Inc. Manager</b> <b>Anaylst/Modeler</b> <b>Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/</b> <b>Zaccone, Charlotte A./ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/</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>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.</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> <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>DATA</b> <b>DRAWING</b> <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>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>
Old Authors	<b>DOE Corps Team</b>
Recipients	<b>Brooks, Joan/BSC</b> <b>Bryan, Martin C / BSC Repository Development - License Application / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Cereghino, Stephen J./ BSC Repository Development - Conversion/</b> <b>Cocchrane, Colin/BSC</b> <b>Gardiner, James T./ BSC Repository Development - Mechanical Engineers/</b> <b>King, Ann/BSC</b>



	Lachman, Kirk/ DOE - OCRWM Office of Project Management and Engineering/ Morgan, Robert G. / BSC Repository Development - Chief Science Officer / COGEMA Resources Inc. Manager Analyst/Modeler Slovic, Robert C./ BSC Repository Development - Dry Transfer Facility/ Zaccone, Charlotte A./ MTS - Engineering & Design & Preclosure Safety Analysis/
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of what type of cask and waste receipt building to be adopted for the Ym repository, and what to say about it in the LA and how to describe it.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of the draft to the final LA would reveal DOE deliberations on the referenced subject matter of the LA section. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA EMAIL-ATT LIST REPORT
Other Privilege Types	ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice
Participant Accession No.	ALA.20051003.2939
LSN Accession Number	DN2002335570
Doc Date	20050727
Title	Re: Attorney-Client Privileged - - Predecisional Draft - - Possible addition to Tables in SAR 2.1
Subject Matter Description	This document contains an email discussion about draft SAR sections 2.1 and 4, with an emphasis on igneous events.
Authors	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Division Team Member
Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates Senior Engineering Specialist Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / Booz-Allen Support Contract Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Smistad, Eric / DOE / OCRWM Official Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Weaver, Douglas / SNL / Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I
Old Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates Senior Engineering Specialist Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Gamble, Robert / MTS / Booz-Allen Support Contract Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Group Member Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist



	Weaver, Douglas / SNL / Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I
Author Recipient Relationship	The author is an official within OCRWM. The recipients are other OCRWM officials, DOE counsel and DOE M&O contractor with responsibility for the subject matter of the communication.
Old Author Recipient Relationship	The author is an official within OCRWM. The recipients are other OCRWM officials, DOE counsel and DOE M&O contracts with responsibility for the subject matter of the communication.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content. This document is a part of DOE's ongoing process in determining what positions it should take in the LA/SAR that will eventually be filed with the NRC>
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positionsas well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20051003.3485
LSN Accession Number	DN2002334507
Doc Date	20050616
Title	1.3.4RevBComments
Subject Matter Description	Yucca Mountain Repository SAR, 1.2.3 Emplacement Areas of the Subsurface Facility - DOE/RW-0573, Draft B-4
Authors	Beard, Kristina/ Hunton & Williams, LLP/ Attorney
Recipients	Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Program Manager Gonzales, Jaime / DOE / OCRWM Official Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / LA Completion Team Member Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze 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 & Associates (B&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
Old Recipients	Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Bryan, Martin C / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Program Manager Gonzales, Jaime / DOE/RW OCE / Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / LA Completion Team Member Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze 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 & Associates (B&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
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel. The recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DRAWING



**EMAIL-ATT  
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REPORT**

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>
Old Subject Matter Description	<b>DOE Draft A Comments on SAR Section 1.2.8</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>
Old Recipients	<b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist Platten, Fred</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.20051005.1323</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</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b> <b>Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III</b> <b>Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II</b> <b>Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Holt Jr., Robert D. / BSC Repository Development - BOP PE / BSC Project Manager</b> <b>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>
Old Author Recipient Relationship	<b>The authors are attorneys with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE and DOE contractor personnel and DOE counsel who are responsible for the referenced draft section of the LA.</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>
Old 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 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>
Old 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</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.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</b> <b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b> <b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney</b> <b>Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b> <b>Bryan, Martin C / BSC Repository Development - LA Completion / Beckman &amp; Associates Program Manager</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b> <b>Elder, Ken / DOE/RW OCE /</b> <b>Frazier, A. / Hunton &amp; Williams, LLP/ Attorney</b> <b>Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Powell, David / BSC /</b> <b>Trubatch, Sheldon/BSC/Attorney</b> <b>Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer</b>
Old Recipients	<b>Ashley, Glenn / BSC/Beckman /</b> <b>Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b> <b>Biggs, Jo Ann / Hunton &amp; Williams, LLP / Attorney</b> <b>Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b> <b>Bryan, Martin C / BSC Repository Development - LA Completion / Beckman &amp; Associates Program Manager</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b> <b>Elder, Ken / DOE/RW OCE /</b> <b>Frazier, A. / Hunton &amp; Williams, LLP/ Attorney</b> <b>Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b>



Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney  
Powell, David / BSC /  
Trubatch, Sheldon/BSC/Attorney  
Wisenburg, Mark R. / BSC Repository Development - Preclosure Safety Analyses / BSC Senior Principal Engineer

Author Recipient Relationship	The email author and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. Recipients also include attorneys from DOE OGC and its outside legal contractor.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations and opinions on the proposed licensing positions in and form and content of draft section 1.7, including how best to respond to and incorporate legal advice on same.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The email contains no fact section. It reflects in its entirety the author's opinions and recommendations.
Doc Type	EMAIL
Other Privilege Types	ACP-discusses attorneys advice; LWP-other (FACT); LWP-other (OPINION)

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

Participant Accession No.	ALA.20051005.2880
LSN Accession Number	DN2002334697
Doc Date	20050709
Title	13358 Design Codes&Stand [LG-133-4]
Subject Matter Description	DOE draft comments on draft YMRP (NUREG-1804) as it relates to Design Codes and Standards.
Authors	Gonzales, Lou / BSC Repository Development - Licensing & Nuclear Safety / Licensing Application Completion Team Member
Recipients	Bailey, Jack / BSC Repository Development - Integration / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist
Author Recipient Relationship	The author and recipient are DOE M&O contract personnel responsible for preparation of draft comments on the draft YMRP for DOE's consideration and adoption.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	DOE position to be taken on the YMRP.
Old DP Decision Information	DOE position to be taken on the subject draft and ultimately the YMRP.
Deliberation Explanation	The author is providing his recommendation and opinion on the comments DOE should file relative to the draft YMRP.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	There is no factual section to this draft document. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.



Doc Type	<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>
Old LSN Accession Number	
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>
Old LSN Accession Number	
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>
Old Subject Matter Description	<b>The document concerns the discussion of thephra redistribution in the draft License Application.</b>
Old 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.20051006.4753</b>
LSN Accession Number	<b>DN2002479255</b>
Old LSN Accession Number	
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>
Old 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.20051006.4754</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>
Old 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</b>

Participant Accession No.	<b>ALA.20051006.4755</b>
LSN Accession Number	<b>DN2002479168</b>
Old LSN Accession Number	
Doc Date	<b>20050715</b>
Title	<b>Jon-Chuck Revised Section 2.3.11.6.1.4 Tephra Redistribution</b>
Subject Matter Description	<b>The document concerns the discussion in the draft License Application of Tephra Redistribution</b>
Old 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 LIST REPORT</b>

Participant Accession No.	<b>ALA.20051006.4756</b>
LSN Accession Number	<b>DN2002479062</b>
Old LSN Accession Number	
Doc Date	<b>20050715</b>
Title	<b>Jon-Chuck Revised Table 2.3.11-9</b>
Subject Matter Description	<b>The document concerns the discussion in the draft LA of Soil Redistribution Factors for the TSPA-LA Model.</b>



Old 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 perosnnel 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>

Participant Accession No.	<b>ALA.20051006.4757</b>
LSN Accession Number	<b>DN2002479234</b>
Old LSN Accession Number	
Doc Date	<b>20050713</b>
Title	<b>Mike New 2.3.11.6.3.1 Data Uncert No WPs hit eruption</b>
Subject Matter Description	<b>The document concerns the discussion in the draft LA of the Number of Waste Packages intersected by erupted conduits</b>
Old 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 LIST REPORT</b>

Participant Accession No.	<b>ALA.20051006.4758</b>
LSN Accession Number	<b>DN2002479146</b>
Old LSN Accession Number	
Doc Date	<b>20050701</b>
Title	<b>Mike New 2.3.11.6.4.1 Analysis Uncert Eruptive</b>
Subject Matter Description	<b>The document concerns the discussion in the draft LA of the Number of Waste Packages Intersected by Eruptive Conduits.</b>
Old 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 LIST</b>



# REPORT

Participant Accession No.	ALA.20051006.4759
LSN Accession Number	DN2002479229
Old LSN Accession Number	
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
Old Authors	Michael Wallace / /
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
Old LSN Accession Number	
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.
Old Authors	Michael Wallace / /
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
Old LSN Accession Number	
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
Old Authors	Michael Wallace / /
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	<b>This document has been reviewed and 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.20051006.4762</b>
LSN Accession Number	<b>DN2002479139</b>
Old LSN Accession Number	
Doc Date	<b>20050701</b>
Title	<b>Mike Revised 2.3.11.6.2.1</b>
Subject Matter Description	<b>The document concerns the discussion in the LA of waste packages intersected by conduits during a volcanic eruption.</b>
Old 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 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>
Old 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 // Sequeira, Gary/ MTS - Engineering &amp; Design &amp; Preclosure Safety Analysis/ 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.</b>



	<b>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>
Old 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 / 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 LA would reveal 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 Aircraft 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</b> <b>Ashley, Kathryn / BSC Repository Development - Preclosure Safety Analyses / Beckman &amp; Associates (B&amp;A) or (BAA) Senior Nuclear Critical Engineer</b> <b>Beckman, Donald / BSC Repository Development - KTI Completion Team / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Haught, David C. / DOE - OCRWM Office of License Application &amp; Strategy / Engineer</b> <b>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director</b> <b>McCullough, M. G. / BSC /</b> <b>Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist</b> <b>Powers, K. W. / DOE - OCRWM /</b> <b>Rusinko, B. E. / /</b> <b>Tosetti, R. J. / BSC /</b> <b>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>
Old Author Recipient Relationship	<b>The document was prepared by DOE's M&amp;O contractor for the YMP and sent to 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>
Old DP Decision Information	<b>The proposed decision is whether adopt the proposed 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</b> <b>EMAIL-ATT</b> <b>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>
Old Authors	<b>McRae, James B./ DOE - Office of General Counsel (OGC)/</b>
Recipients	<b>Brownstein, Alan B. / DOE - OCRWM Office of the Deputy Director / DOE Chief of Staff Supervisor</b> <b>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;</b> <b>ACP-client to attorney</b>
Participant Accession No.	<b>ALA.20051018.4774</b>
LSN Accession Number	<b>DN2002330555</b>
Doc Date	<b>20050827</b>
Title	<b>FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)</b>
Subject Matter Description	<b>This document concerns Section 2.3.4 of the draft License Application.</b>



Old Subject Matter Description	<b>FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)</b>
Authors	Reynolds, Myles / Hunton & Williams, LLP / Attorney
Recipients	Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probabilistic Seismic Hazard Analysis Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II Quittmeyer, Richard C. / BSC Repository Development - Seismic Studies / Integrated Science Solutions, Inc. (ISSI) Principal Scientist
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are with DOE's M&O contractor and also include Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

Participant Accession No.	ALA.20051018.6678
LSN Accession Number	DN2002335934
Doc Date	20050830
Title	RE: Privileged & Confidential - YMRP criteria question
Subject Matter Description	YMRP criteria question, 2.2.1.3.2.3 AC 1(2), "the description of geological & engineering aspects of design features, physical phenomena, & couplings, that may mechanical disruption of engineered barriers.
Authors	Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager
Recipients	Cunnane, Jim /DOE-OCRWM / Shamblin, Penny / Hunton & Williams, LLP / Hunton & Williams, LLP Attorney Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead
Author Recipient Relationship	The author is a DOE MTO contract personnel. The recipients are DOE counsel and two DOE officials with responsibility for the subject matter of the communication.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	This document gives legal advice regarding the YMRP criteria in SAR section 2.3.7
Deliberation Explanation	<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>
Old Deliberation Explanation	<b>This document gives legal advice regarding the YMRP criteria in SAR section 2.3.7</b>
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; ACP-client to attorney; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

Participant Accession No.	ALA.20051018.9976
LSN Accession Number	DN2002332386
Doc Date	20050818
Title	RE: Action items for 2.3.8
Subject Matter Description	The subject matter of the document is action items for draft section 2.3.8 of the draft LA and comments regarding same
Authors	Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Recipients	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 <b>Smistad, Eric / DOE / OCRWM Official</b> Tarbox, Annie / BSC / Yunker, Jean L./ BSC Repository Development - Chief Science Officer/
Old Recipients	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
	<b>Smistad, Eric / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</b>
	Tarbox, Annie / BSC /
	Yunker, Jean L. / BSC Repository Development - Chief Science Officer/
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project, and the recipients are DOE employees and contractors responsible for the subject draft LA sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20051020.1137
LSN Accession Number	DN2002334065
Doc Date	20050915
Title	FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication
Subject Matter Description	The document concerns draft section 2.3 of the draft LA.
Authors	Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Recipients	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead <b>Smistad, Eric / DOE / OCRWM Official</b> Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I
Old Recipients	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates (B&A) or (BAA) Project Manager/Laboratory Lead <b>Smistad, Eric / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</b> Yunker, Jean L. / BSC Repository Development - Licensing Defense / BSC Manager of Technology I
Author Recipient Relationship	Author is an attorney with DOE's outside counsel and recipients are DOE and BSC project personnel, including an attorney with DOE OGC, and an attorney with DOE's outside counsel with responsibility for the subject draft SAR section.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft SAR section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20051102.2177
LSN Accession Number	DN2002336840
Doc Date	20050914
Title	Section 1.3.1.2.4 - Revised 9-14-05 FINAL - hrg edit
Subject Matter Description	The document concerns the section 1.3.1.2.4 of the draft LA which concerns the proposed thermal loading strategy for the YM repository.
Authors	Greenberg, Harris / MTS - Engineering & Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer
Recipients	Andrews, Robert W. / BSC Repository Development - Conversion/ Beard, Kristina / Hunton & 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

Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections. Attorneys with DOE OGC and outside licensing counsel who too are responsible for the draft LA section were recipients.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	<b>The document concerns what thermal loading strategy DOE should adopt for the YM repository.</b>
Old DP Decision Information	<b>The document concerns what thermal loading strategy should DOE adopt for the YM repository.</b>
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed about a proposed thermal loading strategy that was under deliberation.
Doc Type	DATA EMAIL-ATT LIST REPORT

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



	<b>reconstructed.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALA.20051102.4859</b>
LSN Accession Number	<b>DN2002479247</b>
Old LSN Accession Number	<b>DN2002474241</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>
Old Authors	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/ 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>
Old 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-client to attorney</b>
Participant Accession No.	<b>ALA.20051102.5320</b>
LSN Accession Number	<b>DN2002479122</b>
Old LSN Accession Number	
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 <b>Smistad, Eric / DOE / OCRWM Official</b> 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>
Old 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 <b>Smistad, Eric / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</b> 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	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions and legal advise on the proposed licensing positions in and form and content of this draft section
Old Deliberation Explanation	The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA EMAIL-ATT REPORT
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20051102.5321
LSN Accession Number	DN2002337910
Doc Date	20050824
Title	Table 22 - Draft C - KDR Cmts
Subject Matter Description	The document concerns the draft FEPs screening discussion in the draft LA for influc through holes drilled in drift wall or crown.
Authors	Reynolds, Myles/ Hunton & Williams, LLP/attorney
Recipients	Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton & Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Smistad, Eric / DOE / OCRWM Official Tynan, Mark C. / DOE - OCRWM Office of License Application & 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
Old Recipients	Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton & Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Group Member Tynan, Mark C. / DOE - OCRWM Office of License Application & 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
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel, including attorneys with DOE OGC and DOE outside licensing counsel, who have responsibility for the draft document that is the subject of counsel's advice.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA EMAIL-ATT REPORT
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20051102.5323
LSN Accession Number	DN2002479254
Old LSN Accession Number	
Doc Date	20050824
Title	Table 33 - Draft C - KDR Cmts
Subject Matter Description	The document concerns the discussion in the draft License Application of the FEPs screening decision for human influence on climate



Authors	Reynolds, Myles/ Hunton & Williams, LLP/attorneys
Recipients	Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton & Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney <b>Smistad, Eric / DOE / OCRWM Official</b> Tynan, Mark C. / DOE - OCRWM Office of License Application & 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
Old Recipients	Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager Biggs, Jo Ann/ Hunton & Williams, LLP/attorney DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney <b>Smistad, Eric / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</b> Tynan, Mark C. / DOE - OCRWM Office of License Application & 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
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE and DOE contractor personnel responsible for the draft section of the draft LA that is the subject of counsel's advice.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	<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>
Old 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	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	ACP-attorney to client
Participant Accession No.	ALA.20051102.5487
LSN Accession Number	DN2002331119
Doc Date	20050826
Title	1.2.2
Subject Matter Description	Attorney comments on draft SAR Section 1.2.2
Authors	Beard, Kristina/ Hunton & Williams, LLP/Attorney
Recipients	Cereghino, Stephen J./ BSC Repository Development - Conversion/ Gardiner, James T. / BSC Repository Development - Mechanical Engineers / BSC Clerk III Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Linhart, James G. / DOE - OCRWM /
Author Recipient Relationship	The author is an attorney for DOE OGC's outside licensing counsel. The recipients include a DOE OGC attorney and other DOE employees and contractors responsible for the subject draft LA (or SAR) sections
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	<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>
Old Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions in and form and content of this draft LA section.</b>
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	DATA EMAIL-ATT LIST



	<b>REPORT</b>
Other Privilege Types	<b>ACP-attorney to client;</b> <b>ACP-client to attorney;</b> <b>LWP-prepared by attorney (FACT);</b> <b>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</b> <b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b> <b>Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director</b> <b>Irwin, Donald / Hunton &amp; Williams, LLP / Attorney</b> <b>Nutt, Mark / Golder Associates /</b> <b>Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager</b> <b>Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead</b> <b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy /</b> <b>Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager</b> <b>Williams, Jeffrey R. / DOE - OCRWM /</b> <b>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>
Old Deliberation Explanation	<b>DOE's contractor is providing his analysis and opinions about the EPA's draft rule regarding projected repository performance after 10,000 years in order to assist DOE in submitting its comments on the draft rule to the EPA.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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>
Old 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 Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</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	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The author is providing recommendations, opinions, and advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client

  

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

  

Participant Accession No.	ALA.20051102.8145
LSN Accession Number	DN2002468840
Doc Date	20050902
Title	dcs comments on Insert L_prep for C-3
Subject Matter Description	The subject is the thermal-hydrologic-chemical seepage model.
Authors	Sassani, David C. / MTS - Post Closure Safety Analsis / Golder Associates Staff Scientist / OCRWM Contractor
Old Authors	Sassani, David C. / MTS - Post Closure Safety Analsis / Golder Associates Staff Scientist
Recipients	Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Postclosure and License Acquisition Division Team Member Beasley, Amanda / Hunton & Williams, LLP / Attorney Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer
Author Recipient Relationship	The authors and recipients are licensing counsel and DOE employees or contractors with licensing-related responsibility for the subject of the document.
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 as well as the form and content of this draft section



Old 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. Comparison of this draft with the final version of the LA would reveal 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>
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>
Old Author Recipient Relationship	<b>The authors and recipients are DOE employees and 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>
Old 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</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>
Old Recipients	<b>Ashley, Glenn / BSC/Beckman / Bradbury, Robert / MTS - Licensing / Shaw Group (Stone &amp; Webster) Staff Scientist (Regulatory)</b>
Author Recipient Relationship	<b>Authors and recipients are licensing counsel and DOE contractors responsible for the subject draft LA (or SAR) sections</b>
Old 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--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;</b>



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

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

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

Participant Accession No.	ALA.20051102.8567
LSN Accession Number	DN2002336017
Doc Date	20050908
Title	Re: Language on Volcanic Eruptions: Privileged Attorney-Client Communication



Subject Matter Description	The subject matter of these emails is volcanic eruptions and suggested language from a licensing attorney and a response to that suggested language.
Authors	Ashley, Glen / BSC / Group Lead
	Frazier, Amanda / Hunton & Williams, LLP / Attorney
Old Authors	Ashley, Glenn / BSC /
	Frazier, Amanda / Hunton & Williams, LLP / Attorney
Recipients	Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)
Author Recipient Relationship	The authors and recipients, including licensing counsel, are also DOE employees or contractors responsible for the subject addressed in the draft SAR.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the draft LA regarding volcanic eruptions.
Deliberation Explanation	The licensing attorney is providing recommendations and opinions on the language of the draft LA regarding volcanic eruptions and receiving a response on the suggestions from project personnel.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice

  

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

  

Participant Accession No.	ALA.20060111.1738
LSN Accession Number	DN2002469690
Doc Date	20051103
Title	Re: Crane Design - load combinations
Subject Matter Description	Email re supporting documentation on SAR sections
Authors	Pernisi, Denise A./ BSC Repository Development - Management Administrative Support/ Ployhar, Steve / DOE- OCRWM /
Recipients	Cereghino, Stephen J./ BSC Repository Development - Conversion/ Pendleton, Martha W./ BSC Repository Development - Conversion/



	Ployhar, Steve/ BSC/
	Rusinko, Barbara / B.E./ BSC / Engineer
	Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I
Old Recipients	Cereghino, Stephen J./ BSC Repository Development - Conversion/ Pendleton, Martha W./ BSC Repository Development - Conversion/ Ployhar, Steve/ BSC/
	Rusinko, Barbara/B.E./ BSC/
	Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I
Author Recipient Relationship	The authors are DOE M&O contractor personnel. The recipients are counsel for M&O personnel and other YMP personnel with responsibility for the subject matter.
Old Author Recipient Relationship	The author is a DOE M&O contractor personnel. The recipients are counsel for M&O personnel and other YMP personnel with responsibility for the subject matter.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The email discussion concerns the licensing position that DOE will take in the SAR with respect to the ITS mechanical handling equipment. Accordingly, it is a part of DOE's on-going process in determining what positions and information should be included in the SAR that is ultimately filed with the NRC. The draft SAR section to which this relates is 1.2.2.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL
Other Privilege Types	LWP-other (OPINION)

  

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

  

Participant Accession No.	ALA.20060126.0405
LSN Accession Number	DN2002332193
Doc Date	20051013
Title	SAR Section 1.2.7_Needed Corrections
Subject Matter Description	The subject matter is draft license application section 1.2.7 and engineering comments on that draft section.
Authors	Ployhar, Steve / BSC / Swanson, Leonard / BSC /
Old Authors	Ployhar, Steve / BSC / Swanson, Leonard //
Recipients	Bryan, Martin C/ BSC Repository Development - LA Completion/
Author Recipient Relationship	Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections
Old 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	<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>20050706</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 importatn to safety; safety contraols; 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>
Old Authors	<b>Authors of the comments appear to be 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>
Old Author Recipient Relationship	<b>Authors and recipient are licensing counsel or 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 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>EMAIL-ATT</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 he 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>
Old Author Recipient Relationship	<b>Authors and recipients are DOE employees or 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.20061030.2042</b>



LSN Accession Number	<b>DN2002470066</b>
Doc Date	<b>20041206</b>
Title	<b>Re: Draft Peak Dose Scope for Climate/Flux - CONFIDENTIAL--PROTECTED BY ATTORNEY-CLIENT PRIVILEGE AND WORK PRODUCT IMMUNITY</b>
Subject Matter Description	<b>This email chain addresses the impact of long-term climate change and long-term percolation flux on repository performance out to the time of peak dose.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development / Senior Project Manager</b> <b>Williams, Mark / DOE / OCRWM Official</b>
Old Authors	<b>Andrews, Robert W. / BSC Repository Development / Senior Project Manager</b> <b>Williams, Mark / /</b>
Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b> <b>Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Yunker, Jean L. / BSC Repository Development - Chief Science Officer / Manager of Technology I</b>
Author Recipient Relationship	<b>The author and recipients, including an attorney, support the YMP and work on developing the license application.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken on the licensing issue covering the climate/hydrology work in support of peak dose calculations or modeling.</b>
Deliberation Explanation	<b>The author of the comments is providing recommendations on how to scope the licensing-related work related to the climate/hydrology work in support of peak does calculations or modeling.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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-at attorneys direction (FACT);</b> <b>LWP-at attorneys direction (OPINION);</b> <b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</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</b> <b>Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Hoshaw, Marylu / BSC /</b> <b>McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II</b> <b>Nutt, Mark/ Golder Associates/ OCRWM Contractor</b> <b>Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager</b> <b>Sevougian, David / BSC Repository Development - Management &amp; Operations /</b> <b>Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management</b> <b>Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager</b>
Old Recipients	<b>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</b> <b>Capoferri, Anita/ DOE - Office of General Counsel (OGC)/ Attorney</b> <b>Hoshaw, Marylu / BSC /</b> <b>McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II</b> <b>Nutt, Mark/ Golder Associates/</b> <b>Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager</b> <b>Sevougian, David / BSC Repository Development - Management &amp; Operations /</b> <b>Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Swift, Peter N. / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) General Technical Management</b> <b>Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/</b>



	<b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>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;</b> <b>LWP-at attorneys direction (FACT);</b> <b>LWP-at attorneys direction (OPINION)</b>
Participant Accession No.	<b>ALA.20061128.5063</b>
LSN Accession Number	<b>DN2002470530</b>
Doc Date	<b>20060930</b>
Title	<b>Pahrump Action 21 and 25 - Decision Paper - Environment under WP and Drip Shield</b>
Subject Matter Description	<b>The document concerns two issues: what is the expected environment in the mountain that the waste package is qualified for, and what is the environment within (under) the drip shield.</b>
Authors	<b>Dahl, Pamela / SNL /</b> <b>Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b>
Old Authors	<b>Dahl, Pamela / SNL /</b> <b>Knowles, Kathryn/ BSC Repository Development - Performance Assessment/</b>
Recipients	<b>Bonano, Evaristo J. / Sandia National Laboratory (SNL) /</b> <b>Brady, P.V. / Sandia National Laboratory /</b> <b>Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead</b> <b>Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist</b> <b>Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff</b> <b>Hardin, Ernest / Berldey &amp; Sandia Laboratories / OCRWM Contractor</b> <b>Howard, Cliff / Sandia National Laboratory / OCRWM Contractor</b> <b>Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b> <b>MacKinnon, Bob / SNL /</b> <b>Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist</b> <b>McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II</b> <b>Sproat, Ward/DOE OCRWM/director</b> <b>Stahl, David / /</b>
Old Recipients	<b>Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member</b> <b>Brady, P.V. / Sandia National Laboratory /</b> <b>Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead</b> <b>Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist</b> <b>Freeze, Geoffrey A. / BSC Repository Development - FEPS / Sandia National Laboratory (SNL) Technical/Scientific Staff</b> <b>Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager</b> <b>Howard, Clifford / /</b> <b>Knowles, Kathryn / DOE /</b> <b>MacKinnon, Bob / SNL /</b> <b>Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist</b> <b>McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II</b> <b>Sproat, Ward/DOE OCRWM/director</b> <b>Stahl, David / /</b>
Author Recipient Relationship	<b>The document was prepared for decision by two OCRWM officials, Ward Sproat and Russell Dyer. The authors and other recipients are OCRWM and OCRWM contractor personnel who work on the subject matter of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The issue concerns whether DOE should adopt a different thermal management strategy for operation of the YM repository to allow the postclosure performance model to allow for a wider range of emplacement temperatures and different initial environments on the waste package.</b>
Deliberation Explanation	<b>The document presents options for consideration and provides information that bears on whether to adopt a different thermal management 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>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>EMAIL-ATT</b>
Participant Accession No.	<b>ALA.20061128.5207</b>
LSN Accession Number	<b>DN2002469593</b>
Doc Date	<b>20060929</b>
Title	<b>Pahrump Action 23 - DECISION PAPER - surface marring</b>
Subject Matter Description	<b>The document concerns the strategy for demonstrating that as-emplaced waste packages are suitable for disposal and consistent with postclosure modeling, and how possible waste package damage will be treated.</b>
Authors	<b>Dahl, Pamela / SNL / Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b>
Old Authors	<b>Dahl, Pamela / SNL / Knowles, Kathryn/ BSC Repository Development - Performance Assessment/</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 Howard, Cliff / 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 / /</b>
Old Recipients	<b>Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member Brady, P.V. / Sandia National Laboratory / Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead 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 / BSC Repository Development - Postclosure Activities / BSC Project Manager Howard, Clifford / / Knowles, Kathryn / DOE / MacKinnon, Bob / SNL / Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Sproat, Ward/OCRWM/director Stahl, David / /</b>
Author Recipient Relationship	<b>The document was prepared for a decision by Ward Sproat, the OCRWM director. The authors and other recipients are various OCRWM and OCRWM contractor personnel who work on the subject matter of the referenced document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document was prepared for decision by the OCRWM director on the strategy DOE should adopt for each handling stage of the waste package to show that the packages are consistent with the postclosure modeling assumptions.</b>
Old DP Decision Information	<b>The document was prepared for decision by the OCRWM director on the strategy DOE should adopt for each handling stage of the waste package, to show that the packages are consistent with the postclosure modeling assumptions.</b>
Deliberation Explanation	<b>The document provides, with respect to each handling stage of a waste package, a recommended handling strategy and the reasons for the recommendation,</b>
Old Deliberation Explanation	<b>The document provides with respect to each handling stage of a waste package, a recommended handling strategy and the reasons for the 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 separate factual discussion. The discussion of each handling stage identifies a proposed recommendation and provides information to support the recommendation. Identification of that information would reveal the authors' opinions regarding that handling stage.</b>
Doc Type	<b>EMAIL-ATT</b>
Participant Accession No.	<b>ALA.20061128.5208</b>



LSN Accession Number	<b>DN2002470990</b>
Doc Date	<b>20060929</b>
Title	<b>Pahrump 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>
Old Authors	<b>Dahl, Pamela / SNL / Knowles, Kathryn/ BSC Repository Development - Performance Assessment/</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 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 / /</b>
Old Recipients	<b>Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member Brady, P.V. / Sandia National Laboratory / Dixon, Paul R. / BSC Repository Development - Postclosure Activities / Los Alamos National Laboratory (LANL) Laboratory Lead 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 / BSC Repository Development - Postclosure Activities / BSC Project Manager Howard, Clifford / / Knowles, Kathryn / DOE / MacKinnon, Bob / SNL / Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II Sproat, Ward/OCRWM/Director Stahl, David / /</b>
Author Recipient Relationship	<b>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.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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.</b>
Doc Type	<b>EMAIL-ATT</b>

Participant Accession No.	<b>ALA.20061128.5214</b>
LSN Accession Number	<b>DN2002469354</b>
Doc Date	<b>20060930</b>
Title	<b>Pahrump Item 20 - Decision Paper - WP Life</b>
Subject Matter Description	<b>The document concerns whether DOE should re-examine or change the waste package design.</b>
Authors	<b>Dyer, Russel J./ DOE - OCRWM Office of Repository Development/chief scientist</b>
Recipients	<b>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</b>



	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 / /
Old Recipients	Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member
	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 / BSC Repository Development - Postclosure Activities / BSC Project Manager
	Howard, Clifford / /
	Knowles, Kathryn/ BSC Repository Development - Performance Assessment/
	Knowles, Kathryn / DOE /
	MacKinnon, Bob / SNL /
	Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist
	McNeish, Jerry A. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist II
	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	EMAIL-ATT
Participant Accession No.	ALA.20070426.5207
LSN Accession Number	DN2002463803
Doc Date	20070117
Title	Fw: Pahrump Action Item Discussions
Subject Matter Description	The subject matter of this email is the license application and defense of the application.
Authors	Freeman, Patricia / DOE /
	Sproat, Edward / DOE - OCRWM / Director
	Trillo, Sandra / BSC / M&O Contractor
Old Authors	Freeman, Patricia / DOE /
	Sproat, Edward / DOE - OCRWM / Director
	Trillo, Sandra / /
Recipients	Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director
	Borella, Edward / BSC / M&O Contractor
	Crawford, David / DOE / OCRWM official
	Davis, Shirley / DOE / OCRWM employee
	Dyer, J. Russell / DOE - OCRWM Office of Repository Development /
	Feigenbaum, Ted / BSC / General Manager / OCRWM contractor
	Golan, Paul / DOE - OCRWM / Deputy Director
	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director
	Irwin, Donald / Hunton & Williams, LLP / Attorney
	Kacich, Richard / DOE / OCRWM official
	Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
	Lanthrum, Paul / DOE / OCRWM official



	McKinney, Thomas / BSC / M&O Contractor
	Neumayr, Mary / DOE / Attorney
	Orrell, Andrew / Sandia National Laboratory (SNL) Team Member / OCRWM contractor
	Powers, Ken / DOE / OCRWM official
	Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member
	Taft, Robert W./ DOE/ OCRWM official
	Tosetti, Richard / DOE / OCRWM official
	Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
	Warther, Robert F. / DOE / LA Manager / OCRWM official
	Williams, Mark H. / DOE / Licensing Director / OCRWM official
Old Recipients	Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director
	Borella, Edward / /
	Crawford, David / DOE /
	Davis, Shirley / DOE /
	Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director
	Feigenbaum, Ted / DOE /
	Golan, Paul / DOE / Deputy Director
	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director
	Irwin, Donald / Hunton & Williams, LLP / Attorney
	Kacich, Richard / DOE /
	Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
	Lanthrum, Paul / DOE /
	McKinney, Thomas / DOE /
	Neumayr, Mary / DOE / Attorney
	Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member
	Powers, Ken / DOE /
	Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member
	Taft, Robert W./ DOE/
	Tosetti, Richard / DOE /
	Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
	Warther, Robert F. / DOE / LA Manager
	Williams, Mark H. / DOE / Licensing Director
Author Recipient Relationship	The authors and recipients are YMP personnel with responsibility for the license application and its support, including project personnel and attorneys.
Old Author Recipient Relationship	The authors and recipients are personnel with responsibility for the license application and its support, including project personnel and attorneys.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document contains the author's assessment of the status of various DOE action items, as well as his recommendations and opinions as to the potential vulnerabilities posed by same. The document further contains the author's opinions as to the positions that should be taken by DOE in the licensing proceeding.
Deliberation Explanation	The author is providing recommendations and opinions on the proposed licensing positions as well as the status of outstanding potential vulnerabilities with same.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important. The entire document is deliberative.
Doc Type	EMAIL
Other Privilege Types	ACP-client to attorney; LWP-at attorneys direction (FACT); LWP-at attorneys direction (OPINION); LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070426.5991
LSN Accession Number	DN2002479239
Old LSN Accession Number	
Doc Date	20070110
Title	Pahrump Action Item Discussions PRIVILEGED- Deliberative Process
Subject Matter Description	The document concerns various strategy and licensing position papers on: burnup credit; aircraft hazards; level of design for the LA; the use of topical reports; cas & transportation licensing; lead lab defensibility; PPP and EP in the LA; update to the safety case; TSPA modeling; risk communication; and seismic issues for licensing.
Authors	Sproat, Edward F. III / DOE - OCRWM / Director



Recipients	<p>Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director</p> <p>Crawford, David /DOE OCRWM</p> <p>Davis, Shirley /DOE OCRWM/professional assistant</p> <p>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / chief scientist</p> <p>Feigenbaum, Ted /BSC/managing director</p> <p>Golan, Paul /DOE OCRWM/deputy director</p> <p>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</p> <p>Irwin, Donald / Hunton &amp; Williams, LLP / Attorney</p> <p>Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / Director</p> <p>Lanthrum, Gary /DOE OCRWM</p> <p>Neumayr, Mary / DOE/Office of General Counsel/attorney /</p> <p>Orrell, Andrew / Sandia National Laboratory (SNL)</p> <p>Powers, Ken /DOE OCRWM</p> <p>Summerson, Jane R. / DOE - OCRWM</p> <p>Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney</p> <p>Warther, Robert / DOE OCRWM/LA director</p> <p>Williams, Mark H. / DOE OCRWM /director of licensing</p>
Author Recipient Relationship	The author is the director of OCRWM. The document was sent to attorneys from the DOE Office of General Counsel who work on YMP matters and DOE's outside licensing counsel, and to OCRWM senior managers and senior representatives of the M&O contractor and the Lead Lab for the YMP.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The decisions relate to each of the topics referenced in the subject matter field, and concern whether decision papers are needed on the topics.
Deliberation Explanation	The document provides the author's subjective views on the topics on which he wants advice from counsel and senior YMP officials, and opinions on draft strategy and licensing position papers.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because it does not discuss any facts. It identifies issues for discussion and topics for advice, and opinions on draft documents. The document consists solely of the author's opinions.
Doc Type	EMAIL
Participant Accession No.	ALA.20070426.7034
LSN Accession Number	DN2002465573
Doc Date	20070116
Title	DOE Comments on DPs.xls R1
Subject Matter Description	The document concerns draft position papers on cask & transport system; the level of design in the LA; aircraft hazards; waste forms in the LA; timing of submittal of plans; risk communication to the public; peak dose; and the use of topical reports.
Authors	<p>Crawford, David/DOE</p> <p>Gunter, Timothy/ DOE - OCRWM Office of Repository Development/</p> <p>Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/</p> <p>Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/</p>
Recipients	<p>Borella, Edward / BSC / M&amp;O Contractor</p> <p>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney</p> <p>Kacich, Richard / DOE / OCRWM official</p> <p>Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/</p> <p>Lanthrum, Gary/DOE</p> <p>Thompson, Jay / DOE / OCRWM Official</p> <p>Urie, Matt/ DOE - Office of General Counsel (OGC)/attorney</p> <p>Williams, Mark/DOE/Licensing Director</p> <p>Zabransky, Dave K./ DOE - OCRWM/</p>
Old Recipients	<p>Borella, Edward</p> <p>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney</p> <p>Kacich, Richard</p> <p>Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development/</p> <p>Lanthrum, Gary/DOE</p> <p>Thompson, Jay</p> <p>Urie, Matt/ DOE - Office of General Counsel (OGC)/attorney</p> <p>Williams, Mark/DOE/Licensing Director</p> <p>Zabransky, Dave K./ DOE - OCRWM/</p>
Author Recipient Relationship	The authors are DOE OCRWM officials. The recipients are DOE OGC attorneys and other OCRWM officials who provided comments on the subject draft position papers.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer



DP Decision Information	<b>The document concerns the development of positions for the licensing proceeding on the various referenced topics.</b>
Deliberation Explanation	<b>The document provides the recipients' opinions and views on the draft position papers and provides proposed resolution of those comments in the draft position papers.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 various subjective opinions. 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</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-client to attorney; ACP-discusses attorneys advice</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 DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; 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</b>
Old 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 DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney Fillmore, Robert M. / Hunton &amp; 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/ <b>Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I</b> Sweeney, Janine / DOE - Office of General Counsel (OGC) / DOE Attorney</b>
Author Recipient Relationship	<b>The personnel who drafted and received this email are project personnel and attorneys with responsibility for the license application and its support.</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-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.20070504.1158</b>
LSN Accession Number	<b>DN2002457910</b>
Doc Date	<b>20070208</b>
Title	<b>Programmatic CDR REV 01_with_signatures</b>
Subject Matter Description	<b>The document concerns the programmatic sections of the draft License Application.</b>
Authors	<b>Saldarini, James C. / Bechtel - SAIC / LA Project Manager</b>



	Weaver, E. M. / Bechtel - SAIC / BSC Group Lead
Recipients	Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist
	Bonano, Evaristo J. / Sandia National Laboratory (SNL)
	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager
	Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager
	Crawford, David / DOE OCRWM
	Donnell, John / MTS/Shaw Group / OCRWM contractor
	Dunn, Thomas / BSC /
	Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead
	Franklin, David / Navy Reactors / NNPP official
	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director
	Kacich, Richard / DOE OCRWM
	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer
	Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
	Linhart, James G. / DOE - OCRWM /
	Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I
	Shrader, Todd / DOE / OCRWM Official
	Tosetti, Richard / BSC /
	Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
	Warther, Robert F. / OCRWM / Federal LA Project Director
	Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member
	Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director
	Williams, Mark H. / DOE OCRWM/licensing director
Old Recipients	Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist
	Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member
	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager
	Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager
	Crawford, David / DOE OCRWM
	Donnell, John / MTS/Shaw Group /
	Dunn, Thomas / BSC /
	Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead
	Franklin, David / Navy Reactors /
	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director
	Kacich, Richard / DOE OCRWM
	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer
	Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
	Linhart, James G. / DOE - OCRWM /
	Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I
	Shrader, Todd / /
	Tosetti, Richard / BSC /
	Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
	Warther, Robert F. / OCRWM / Federal LA Project Director
	Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member
	Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director
	Williams, Mark H. / DOE OCRWM/licensing director
Author Recipient Relationship	The authors and recipients are DOE officials, DOE counsel, and DOE M&O contractor personnel responsible for preparing and finalizing DOE's LA in compliance with applicable regulatory requirements and guidance.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The decision is what licensing approach to adopt with respect to the programmatic sections of the License Application.
Deliberation Explanation	The YM LA CDR recommends and proposes to DOE plans for ensuring that the LA satisfies applicable regulatory requirements and guidelines with respect to programmatic requirements, and makes recommendations on licensing strategies and regulatory requirements as well as the structure and content of the applicable sections of the draft License Application.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001



Non Redactable Statement	<p>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</p> <p>The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.</p>
Doc Type	EMAIL-ATT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070511.1330
LSN Accession Number	DN2002479051
Old LSN Accession Number	
Doc Date	20061205
Title	Clad credit DOE rev4
Subject Matter Description	The document whether DOE should take credit for cladding capability in the TSPA Compliance Model.
Authors	Howard, Cliff / Sandia National Laboratory / OCRWM Contractor
Old Authors	Howard, Cliff/Sandia
Recipients	Bonano, Evaristo J. / Sandia National Laboratory (SNL) Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gross, Michael/Sandia Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor MacKennon, Robert/Sandia Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McNeish, Jerry/Sandia Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/ Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ Sevougian, David/ BSC Repository Development - Management & Operations/ Stahl, David/Sandia National Lab Swift, Peter N./ Sandia National Lab/ Warther, Robert /DOE OCRWM/LA director
Old Recipients	Bonano, Evaristo J. / Sandia National Laboratory (SNL) Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead Dyer, Russel J./ DOE - OCRWM Office of Repository Development/ Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gross, Michael/Sandia Knowles, Kathryn/ Sandia MacKennon, Robert/Sandia Marietta, Melvin G. / Sandia National Lab / Sandia National Laboratory (SNL) Technical Management Specialist McNeish, Jerry/Sandia Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/ Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/ Sevougian, David/ BSC Repository Development - Management & Operations/ Stahl, David/Sandia National Lab Swift, Peter N./ Sandia National Lab/ Warther, Robert /DOE OCRWM/LA director
Author Recipient Relationship	Authors and recipients are Sandia personnel who work on the YMP and DOE OCRWM managers who have responsibility for the subject matter of the decision paper.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns whether DOE should adopt a regulatory interpretation for the licensing proceeding in whether to take credit for cladding capability in the TSPA Compliance Model.
Deliberation Explanation	The document provides the recommendation of Sandia National Lab to OCRWM on the referenced topic.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because it does not contain any factual section. Disclosure of the document's contents would reveal Sandia's positions and recommendations and the reasons for its positions.
Doc Type	EMAIL-ATT



Participant Accession No.	<b>ALA.20070515.5279</b>
LSN Accession Number	<b>DN2002479256</b>
Old LSN Accession Number	
Doc Date	<b>20070312</b>
Title	<b>Fw: NEA Symposium Trip Report (Predecisional discussion material: Privileged</b>
Subject Matter Description	<b>The document concerns the potential import on the draft License Application of standards promulgated by the Nuclear Energy Agency and the International Atomic Energy Agency.</b>
Authors	<b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; 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.</b>
Recipients	<b>Benson, Allen / DOE/OCRWM Bonano, Evaristo J. / Sandia National Laboratory (SNL) Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Orrell, Andrew / Sandia National Laboratory (SNL) Sproat, Edward F. III / DOE - OCRWM / Director Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member Sweeney, Janine / DOE - Office of General Counsel (OGC) / attorney Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management Voegele, Michael D. / BSC Repository Development - General Manager / BSC Program Manager</b>
Author Recipient Relationship	<b>The author is a senior DOE OCRWM official. The direct recipient (Sproat) is the director of OCRWM. The other recipients are YMP personnel with responsibility for the subject matter of the communication.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns whether DOE should make changes to the draft License Application in light of NEA and IAEA standards.</b>
Deliberation Explanation	<b>The document provides the author's analyses and recommendations on the referenced topic, to assist the OCRWM's director's deliberations about the form and content of the draft LA.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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</b>

  

Participant Accession No.	<b>ALA.20070515.7809</b>
LSN Accession Number	<b>DN2002479112</b>
Old LSN Accession Number	
Doc Date	<b>20070323</b>
Title	<b>ATTCTKT5</b>
Subject Matter Description	<b>The document concerns BSC's support of DOE in the YM licensing proceeding.</b>
Authors	<b>Trillo, Sandra / BSC / M&amp;O Contractor</b>
Old Authors	<b>Trillo, Sandra/BSC</b>
Recipients	<b>Beckman, Donald/ BSC/Beckman &amp; 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</b>
Author Recipient Relationship	<b>The document was prepared by the DOE M&amp;O contractor. The document was sent to the DOE OCRWM director, and copies to YMP personnel who assisted in its preparation.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision relates to strategies that DOE could adopt for structure of the YM project to defend the LA in the licensing proceeding.</b>
Deliberation Explanation	<b>The document provides BSC's opinions and recommendations to DOE, at DOE's request, on the referenced strategies for defense of 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 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.</b>
Doc Type	<b>EMAIL-ATT</b>
Other Privilege Types	<b>LWP-at attorneys direction (FACT);</b>



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.20070517.0876
LSN Accession Number	DN2002469335
Doc Date	20070214
Title	Fw: PRIVILEGED AND CONFIDENTIAL
Subject Matter Description	The subject matter of the email is a draft licensing strategy plan and matrices addressing docketing and licensing risks.
Authors	Kacich, Richard / DOE / OCRWM official Sproat, Edward / DOE - OCRWM / Director
Old Authors	Kacich, Richard / / Sproat, Edward / DOE - OCRWM / Director
Recipients	Bonano, Evaristo J./ Sandia National Laboratory / OCRWM contractor Feigenbaum, Ted / BSC / Manager Irwin, Donald/ Hunton & Williams, LLP/ Attorney McKinney, Thomas / BSC / M&O Contractor Neumayr, Mary / DOE / Attorney Tosetti, Richard / BSC / Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney Warther, Robert / DOE / LA Manager Williams, Mark / DOE / Licensing Director
Old Recipients	Bonano, Evaristo J./ BSC Repository Development - Licensing/ Feigenbaum, Ted / BSC / Manager Irwin, Donald/ Hunton & Williams, LLP/ Attorney McKinney, Thomas / / Neumayr, Mary / DOE / Attorney Tosetti, Richard / BSC / Urie, Matt/ DOE - Office of General Counsel (OGC)/ Attorney Warther, Robert / DOE / LA Manager Williams, Mark / DOE / Licensing Director
Author Recipient Relationship	The author and recipients, including attorneys from DOE's OGC and outside counsel, work on the license application and overall licensing strategy.
Old Author Recipient Relationship	The author and recipients, including attorneys, work on the license application and overall licensing strategy.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Comments on draft licensing-related documents such as the Strategy Management Plan and the Licensing Strategy and Risk Registers.
Deliberation Explanation	The authors is providing recommendations and opinions on draft licensing-related documents such as the Strategy Management Plan and the Licensing Strategy and Risk Registers.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL
Other Privilege Types	ACP-client to attorney; LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALA.20070520.0698
LSN Accession Number	DN2002468847
Doc Date	20070307
Title	YM-6558-v1-Irrigation Recycling Analysis Memorandum
Subject Matter Description	Legal analysis Recycling of Accumulated Radionuclides from Soils to Groundwater
Authors	Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Recipients	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel. The recipients are other DOE counsel who work on the YMP.
Old Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel. The recipients are other DOE counsel.



Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Whether the saturated zone and biosphere modeling of the LA must include effects of recycling of accumulated radionuclides from soils to groundwater
Deliberation Explanation	This memorandum addresses the basis for exclusion of irrigation recycling as a considered process of the Yucca Mountain Repository.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL-ATT
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)
Participant Accession No.	ALA.20070604.2615
LSN Accession Number	DN2002479165
Old LSN Accession Number	
Doc Date	20070126
Title	1.25.06 Thermal Management Decision Paper
Subject Matter Description	The document addresses the thermal implications of waste package loading.
Authors	Harrington, Paul G. / DOE - OCRWM Office of Project Management and Engineering/
Recipients	Gonzales, Jaime / DOE / OCRWM Official Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director
Old Recipients	Gonzales, Jaime / DOE/RW OCE / Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director
Author Recipient Relationship	The author and recipients are DOE employees responsible for development of the project's position relative to thermal management strategy
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The contemplated decision relates to development of thermal management strategy to handle receipt of commercial spent nuclear fuel in TAD canisters
Deliberation Explanation	The author is providing a description of the pertinent issues, a strategy for developing further information, as well as a preliminary recommendation on the subject matter.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document contains no factual section. It provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT
Participant Accession No.	ALA.20070604.2765
LSN Accession Number	DN2002469673
Doc Date	20070416
Title	Fw: Cancelled vs Superseded Documents
Subject Matter Description	The document concerns the distinctions between canceled and superseded documents and DOE's ability to cite and rely on canceled documents.
Authors	Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member
Recipients	Bonano, Evaristo J. / Sandia National Laboratory (SNL) / Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Gil, April V. / DOE - OCRWM Office of Repository Development / During this time period, the Regulatory Interactions and Strategy Division reported to the Office of License Application and Strategy Regulatory Interactions and Strategy Division Director Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director Newman, Larry / / Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member Rusinko, Barbara / / Engineer Sproat, Edward F. III / DOE - OCRWM / Director Tillman, Jack / / Williams, Mark H. / DOE /
Old Recipients	Bonano, Evaristo J. / BSC Repository Development - Licensing / Sandia National Laboratory (SNL) Support Staff Team Member Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director Gil, April V. / DOE - OCRWM Office of Repository Development / During this time period, the Regulatory Interactions and Strategy Division reported to the Office of License Application and Strategy Regulatory Interactions and Strategy Division Director Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director



Newman, Larry / /

Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member

Rusinko, Barbara / /

Sproat, Edward F. III / DOE - OCRWM / Director

Tillman, Jack / /

Williams, Mark H. / DOE /

Author Recipient Relationship	The document was authored by a senior Sandia official for a decision by Ward Sproat, OCRWM director. The other recipients are various DOE and DOE contractor personnel who have responsibility for the subject matter of the communication.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns what actions DOE should take to resolve the licensing issue regarding citations to canceled documents.
Deliberation Explanation	The document provides the author's subjective interpretation of regulatory requirements and makes recommendations about strategies and actions DOE could take to address the issue.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any separate factual discussion. It consists of opinions about regulatory issues and potential strategies.
Doc Type	EMAIL

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



Participant Accession No.	<b>ALA.20070711.3098</b>
LSN Accession Number	<b>DN2002479241</b>
Old LSN Accession Number	
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>
Recipients	<b>Borella, Edward / BSC / M&amp;O Contractor</b> 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 Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Freeman, Patricia/BSC Howard, Robert L./ BSC Repository Development - Conversion/ Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager Linhart, James G. / DOE - OCRWM / Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff <b>Smistad, Eric / DOE / OCRWM Official</b> Trubatch, Sheldon/BSC/Attorney Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Waldman, Jane/BSC
Old Recipients	<b>Borella, Edward / /</b> 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 Analsis / Booze Allen Hamilton (BAH) Mechanical Engineer Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Freeman, Patricia/BSC Howard, Robert L./ BSC Repository Development - Conversion/ Howard, Robert L. / BSC Repository Development - Performance Assessment / BSC Project Manager Linhart, James G. / DOE - OCRWM / Nieder-Westermann, Gerald H. / BSC Repository Development - Performance Assessment / BSC Senior Science Specialist Rassmussen, Kirk D. / Hunton & Williams, LLP / Attorney Reynolds, Myles / Hunton & Williams, LLP / Attorney Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member Sevougian, David / BSC Repository Development - Total System Performance Assessment / Sandia National Laboratory (SNL) Senior Staff <b>Smistad, Eric / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</b> Trubatch, Sheldon/BSC/Attorney Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist Waldman, Jane/BSC
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors, and DOE counsel, responsible for preparation of the the draft position paper.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Old DP Decision Information	<b>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.</b>



Deliberation Explanation	<b>The author is providing his recommendations and opinions on the proposed licensing positions in the draft decision paper, and makes recommendations for edits.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20070711.4008</b>
LSN Accession Number	<b>DN2002479085</b>
Old LSN Accession Number	
Doc Date	<b>20070504</b>
Title	<b>Fw: Privileged -- draft decision paper on Irrigation Recycling</b>
Subject Matter Description	<b>The document concerns a draft decision paper under development on the treatment of Irrigation Recycling in the dose calculations.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development - Licensing &amp; Nuclear Safety / BSC Senior Project Manager</b>
Recipients	<b>Borella, Edward / BSC / M&amp;O Contractor</b> <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) / Attorney</b> <b>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Freeman, Patricia/BSC</b> <b>Goldstein, Barry / Sandia National Laboratory (SNL)</b> <b>Kacich, Richard M. / BSC Repository Development - Licensing and Nuclear Safety / Manager</b> <b>Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst</b> <b>Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist</b> <b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b> <b>Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney</b>
Old Recipients	<b>Borella, Edward / /</b> <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) / Attorney</b> <b>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</b> <b>Fillmore, Robert M. / Hunton &amp; Williams, LLP / Attorney</b> <b>Freeman, Patricia/BSC</b> <b>Goldstein, Barry / Sandia National Laboratory (SNL)</b> <b>Kacich, Richard M. / BSC Repository Development - Licensing and Nuclear Safety / Manager</b> <b>Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst</b> <b>Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist</b> <b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b> <b>Sweeney, Janine / DOE - Office of General Counsel (OGC) / Attorney</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractor, including DOE counsel, responsible for the development of the referenced draft decision paper.</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 on how Irrigation Recycling should be factored in dose calculations for the YM repository.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 provides the author's subjective views of regulatory requirements and draft arguments contained in the draft position paper.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALA.20070711.4715</b>
LSN Accession Number	<b>DN2002479201</b>
Old LSN Accession Number	
Doc Date	<b>20070515</b>
Title	<b>Fw: Privileged--ICRP Alignment Decision Paper</b>
Subject Matter Description	<b>The document concerns a draft position paper on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.</b>
Authors	<b>Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director</b>
Recipients	<b>Sproat, Edward F. III / DOE - OCRWM / Director</b>



Author Recipient Relationship	<b>The author is a DOE OCRWM official who reports to the recipient, the OCRWM director.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns whether DOE should adopt a licensing position on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.</b>
Deliberation Explanation	<b>The document provides the author's recommendations to the recipient on whether he should be the official who makes the decision, and what decision he should make.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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.</b>
Doc Type	<b>EMAIL</b>

Participant Accession No.	<b>ALA.20070711.6417</b>
LSN Accession Number	<b>DN2002479037</b>
Old LSN Accession Number	<b>DN2002413433</b>
Doc Date	<b>20070524</b>
Title	<b>GONZALES_L Subsurface Design and Waste Package CDR_Rev 01_with_signatures</b>
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>
Old LSN Accession Number	<b>DN2002424824</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>
	<b>Lugo, Candace L. / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Lum, Clinton C. / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst</b>
	<b>Price, Laura / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst</b>
	<b>Rogers, Ralph D. / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Smith, Anthony / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Stanley, Andy / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Wasiolek, Maryla A. / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Wilson, Charles / Sandia National Laboratory (SNL) / OCRWM contractor</b>
	<b>Goldstein, Barry / BSC Repository Development - Integration / Sandia National Laboratory (SNL) Environmental Regulatory Compliance</b>
	<b>Lugo, Candace L. / BSC Repository Development - Regulatory Compliance / BSC Principal Scientist II</b>
Old Recipients	<b>Lum, Clinton C. / BSC Repository Development - WP/Waste Form Testing / Sandia National Laboratory (SNL) Geology</b>
	<b>Nair, Prasad K. / BSC Repository Development - Design Interface &amp; Integration / JK Research Associates (JKRA) Principal Regulatory Analyst</b>
	<b>Price, Laura / Sandia /</b>
	<b>Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst</b>
	<b>Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I</b>
	<b>Smith, Anthony / SNL /</b>
	<b>Stanley, Andy / SNL /</b>
	<b>Wasiolek, Maryla A. / BSC Repository Development - Natural Systems &amp; Near-Field Operations / BSC Science Specialist</b>
	<b>Wilson, Charles / Sandia /</b>
	<b>The author and recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of discussion.</b>
Author Recipient Relationship	
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns what regulatory interpretation of the referenced regulation DOE should adopt.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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.</b>
Doc Type	<b>EMAIL</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070711.7292</b>
LSN Accession Number	<b>DN2002466715</b>
Doc Date	<b>20070525</b>
Title	<b>Regulatory and PASIT evaluation of 2 liters per day source location</b>
Subject Matter Description	<b>This document is an attachment to the May 29, 2007 email of Jerry Burford addressing issues related to draft LA section 2.3.10.</b>
Authors	<b>The author of these comments is an OCRWM contractor with licening-relaed responsibility for the subject addressed.</b>
Old Authors	<b>The author of these comments is a DOE employee or contractor with licening-relaed responsibility for the subject addressed.</b>



Recipients	<b>Burford, Jerry / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Goldstein, Barry / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Lugo, Candace L. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Lum, Clinton C. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Nair, Prasad K. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Price, Laura / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Raleigh, James J. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Rogers, Ralph D. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Smith, Anthony / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Stanley, Andy / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Wasiolek, Maryla A. / Sandia National Laboratory (SNL) / OCRWM contractor</b> <b>Wilson, Charles / Sandia National Laboratory (SNL) / OCRWM contractor</b>
Old Recipients	<b>Burford, Jerry/ LLNL/</b> <b>Goldstein, Barry/ BSC Repository Development - Integration/</b> <b>Lugo, Candace L./ BSC Repository Development - Conversion/</b> <b>Lum, Clinton C./ BSC Repository Development - Engineered System/</b> <b>Nair, Prasad K./ BSC Repository Development - Design Interface &amp; Integration/</b> <b>Price, Laura/ SNL/</b> <b>Raleigh, James J./ BSC Repository Development - Program Integration/</b> <b>Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/</b> <b>Smith, Anthony/ SNL/</b> <b>Smith, Anthony / SNL /</b> <b>Stanley, Andy/ SNL/</b> <b>Wasiolek, Maryla A./ BSC Repository Development - Conversion/</b> <b>Wilson, Charles/ SNL/</b>
Author Recipient Relationship	<b>The author and recipients are OCRWM contractors with licensing-related responsibility for the subject of the document.</b>
Old Author Recipient Relationship	<b>The author and 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>This document concerns what interpretation of 10 CFR 63.312 and 63.311 DOE should adopt for the licensing proceeding.</b>
Deliberation Explanation	<b>The document provides the author's subjective opinions of the regulatory requirements and makes a proposed interpretation for DOE to adopt and the grounds the author believes support the interpretation.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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. It provides the author's subjective interpretation of regulations and supporting grounds. Disclosure of those grounds would reveal the author's opinions. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.</b>
Doc Type	<b>EMAIL-ATT</b>
Other Privilege Types	<b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070823.6214</b>
LSN Accession Number	<b>DN2002479058</b>
Old LSN Accession Number	
Doc Date	<b>20070626</b>
Title	<b>LL-TSPA Scenarios-Results for LST</b>
Subject Matter Description	<b>The document concerns proposed actions to take with respect to parameters used in the draft TSPA model.</b>
Authors	<b>Hansen, Clifford L. /Sandia</b> <b>Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b>
Old Authors	<b>Hansen, Clifford L. /Sandia</b> <b>Knowles, Kathryn / Sandia</b>
Recipients	<b>Bonano, Evaristo J./Sandia</b> <b>Dyer, Russel J./ DOE - OCRWM Office of Repository Development/</b> <b>Hanlon, Carol/ DOE - OCRWM Office of License Application &amp; Strategy/</b> <b>MacKinnon, Robert /Sandia</b> <b>Nair, Prasad K./Sandia</b> <b>Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/</b> <b>Orrell, Andrew/ Sandia</b> <b>Prouty, Jeralyn L./Sandia</b> <b>Sproat, Edward F. III / DOE - OCRWM / Director</b>



Author Recipient Relationship	The authors are two Sandia personnel who work on the YMP and prepared the subject document at DOE's request. The document was presented to the director of OCRWM. Copies were provided to other DOE and Sandia personnel responsible for the subject matter of the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns whether DOE should approve certain further actions by Sandia regarding various parameters in the draft TSPA model.
Deliberation Explanation	The document provides the authors' recommendations on additional actions to take with respect to parameters in the draft TSPA.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because it relates to draft model parameters and recommendations on actions that could be taken regarding them.
Doc Type	EMAIL-ATT

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
Old Authors	Putzu, Frank A. / Department of the Navy - Naval Sea Systems Command /
Recipients	Beckett, Thomas H. / Naval Reactors / Deputy Director
	Curtis, David I. / Naval Reactors / NNPP official
	Dei, Donald E. / Naval Reactors /
	Denko, Alan R. / NNPP
	Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager
	Hardin, Michael G. / Naval Reactors / NNPP official
	Harman, Jason M. / Naval Reactors / NNPP official
	Kauffman, Storm R. / Naval Reactors / NNPP official
	Kuprenas, Michael A. / Naval Reactors / NNPP official
	McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs
	Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head
	Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /
	Snider, Eric S. / Naval Reactors / NNPP official
	Trautman, Stephen J. / Naval Reactors / NNPP official
	Woodberry, Robert A. / Naval Reactors / NNPP official
Old Recipients	Beckett, Thomas H. / Naval Reactors / Deputy Director
	Curtis, David I. / Naval Reactors /
	Davis, Charles H. / Naval Reactors /
	Davis, Charles H. / Naval Reactors /
	Dei, Donald E. / Naval Reactors /
	Denko, Alan R. / NNPP
	Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager
	Hardin, Michael G. / Naval Reactors /
	Harman, Jason M. / Naval Reactors /
	Kauffman, Storm R. / Naval Reactors /
	Kuprenas, Michael A. / Naval Reactors /
	McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs
	Miles, Barry K. / Naval Reactors - Transportation and Certification Branch / Head
	Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /
	Snider, Eric S. / Naval Reactors /
	Trautman, Stephen J. / Naval Reactors /
	Woodberry, Robert A. / Naval Reactors /
Author Recipient Relationship	The author is an attorney with NNPP and the recipients are NNPP and NNPP contractor personnel with responsibility for implementing counsel's legal advice and recommendation.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends a course of action for addressing and demonstrating compliance with 10 CFR Part 21.
Deliberation Explanation	This document provides legal advice and analysis concerning the meaning of 10 CFR Part 21 and NNPP compliance with that regulation and contains the author's recommendation and advice on addressing and demonstrating compliance with the regulation.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document contains no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	E-MAIL W/ ATTACHMENT



Other Privilege Types	<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.20070910.0133</b>
LSN Accession Number	<b>DN2002479143</b>
Old LSN Accession Number	
Doc Date	<b>20061026</b>
Title	<b>THERMAL MANAGEMENT ACTIVITIES</b>
Subject Matter Description	<b>The subject matter is the Thermal Management Strategy to incorporate into the license application.</b>
Authors	<b>Bailey, Jack / BSC Repository Development - Licensing &amp; Nuclear Safety/ Beckman &amp; Associates (B&amp;A) or (BAA) Senior Engineering Specialist</b>
Recipients	<b>DOE employees or contractors responsible for the subject draft LA (or SAR) sections/ /</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees or contractors responsible for developing the license application.</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 power point presentation (thermal management strategy).</b>
Deliberation Explanation	<b>The author is providing recommendations and opinions on the proposed licensing positions regarding the thermal management strategy to incorporate into 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>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>

Participant Accession No.	<b>ALA.20070910.0234</b>
LSN Accession Number	<b>DN2002468952</b>
Doc Date	<b>20070309</b>
Title	<b>POST-LA STEPS TO INCORPORATE A CONCRETE INVERT IN THE TECHNICAL BASIS FOR POSTCLOSURE PERFORMANCE</b>
Subject Matter Description	<b>The subject matter of this report is the potential impact on postclosure performance from use of concrete for the invert in repository emplacement drifts.</b>
Authors	<b>Brady, P. / /</b> <b>Hardin, Ernest / Berldey &amp; Sandia Laboratories / OCRWM Contractor</b> <b>Orrell, Andrew/ BSC Repository Development - Management Systems/</b>
Old Authors	<b>Brady, P. / /</b> <b>Hardin, Ernest / BSC Repository Development - Postclosure Activities / BSC Project Manager</b> <b>Orrell, Andrew/ BSC Repository Development - Management Systems/</b>
Author Recipient Relationship	<b>The authors are project personnel supporting the YMP and have responsibility for developing licensing positions relating to postclosure performance.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The DP decision information includes analysis supporting the recommendation to change to concrete for the invert in repository emplacement drifts.</b>
Deliberation Explanation	<b>The decision for deliberation involves whether to change to concrete for the inverts in repository emplacement drifts and whether to make this change after LA submittal.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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>REPORT</b>

Participant Accession No.	<b>ALA.20070912.1114</b>
LSN Accession Number	<b>DN2002469948</b>
Doc Date	<b>XXXXXXXX</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 /</b> <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>



	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 <b>Nanko, Laura / Bettis - Pittsburgh Naval Reactors /</b> 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
Old Recipients	Andes, John A. / Bettis - Pittsburgh Naval Reactors / Angerhofer, Todd E. / Naval Reactors / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Carey, Andy M. / Knolls Atomic Power Laboratory / Manager Dei, Donald E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gideon, Willard / Knolls - Advanced Reactors Nuclear Design / Advisory Engineer Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis Holden, Gregory F. / Naval Reactors / Hunter, Melissa A. / Bettis - Safety Assessments / Manager Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities / Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis <b>Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors /</b> Rath, Dean J. / Bettis - MDP / Schramm, Bruce J. / Bettis - Environmental, Safety, and Health / Manager Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis Willis, Clarence R. / Bettis - Nuclear Engineering / Manager
Author Recipient Relationship	The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The contemplated decision relates to use of probabilistic techniques for preclosure criticality evaluations as well as the resulting structure of SAR section 1.14.
Deliberation Explanation	The document describes and discusses the issue and makes a recommendation for decision based upon the evaluation set forth in the document.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important. There is no factual section, although there is a general background section. That section, however, recounts past deliberations on the topic and the authors' assessment of those deliberations.
Doc Type	REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALA.20070912.1143
LSN Accession Number	DN2002470473
Doc Date	20061116
Title	PRECLOSURE SEISMIC ANALYSIS
Subject Matter Description	PRECLOSURE SEISMIC ANALYSIS
Authors	Wade, David R. / REO/SCA / Manager
Recipients	Angerhofer, Todd E. / Naval Reactors / Dei, Donald E. / Naval Reactors / Follin, James N. / Bettis - Environmental, Safety, and Health / Manager Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hill, Myroslav J. / / 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 McElhaney, Michael W. / /



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



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



Non Redactable Statement	<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>
Participant Accession No.	<b>ALA.20070914.0415</b>
LSN Accession Number	<b>DN2002479129</b>
Old LSN Accession Number	
Doc Date	<b>20070123</b>
Title	<b>PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING</b>
Subject Matter Description	<b>PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING</b>
Authors	<b>Eslinger, Paul W. / /</b>
Recipients	<b>Licensing Defensibility Team</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft AMR section</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Actions to be taken to mitigate any licensing risk associated with potential vulnerabilities in the content or form of the subject AMR.</b>
Deliberation Explanation	<b>The team is providing analysis of and recommendations and opinions on the identified potential vulnerabilities associated with the subject AMR 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 contains no factual section. Its content is wholly evaluative.</b>
Doc Type	<b>DATA PACKAGE</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</b>
Participant Accession No.	<b>ALA.20070914.0616</b>
LSN Accession Number	<b>DN2002479257</b>
Old LSN Accession Number	
Doc Date	<b>20070329</b>
Title	<b>OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT SPECIAL INSTRUCTION SHEET PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET FOR MDL-NBS-HS-000003 REV 02 ACN 01 "CALIBRATED PROPERTIES MODEL"</b>
Subject Matter Description	<b>CALIBRATED PROPERTIES MODEL</b>
Authors	<b>Nichols, William E. / /</b>
Recipients	<b>Licensing Defensibility Team</b>
Author Recipient Relationship	<b>The authors and recipients are DOE employees and contractors responsible for the calibrated properties model section of the draft LA and for identification and assessment of the licensing vulnerabilities of the subject section.</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 identifying potential vulnerabilities of the subject LA section and providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section in light of those potential vulnerabilities.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 chart contains no factual background section. Rather its contents reflect the analysis and evaluation of the responsible team.</b>
Doc Type	<b>PACKAGE REPORT</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</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</b>



	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 / /
Old Recipients	<p>Angerhofer, Todd E. / Department of the Navy - Naval Sea Systems Command /</p> <p>Beckman, Donald / BSC Repository Development - Licensing &amp; Nuclear Safety / Beckman &amp; Associates (B&amp;A) or (BAA) Program Manager</p> <p>Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure &amp; License Acquisition Division Lead</p> <p>Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer</p> <p>Clark, Steven / BSC/BSC /</p> <p>Dei, Donald E. / Department of the Navy - Naval Sea Systems Command /</p> <p>Follin, James N. / Bettis Atomic Power Laboratory - Environmental, Safety, and Health / Manager</p> <p>Gisch, Robert G. / Naval Reactors, Regulatory Affairs / Naval Spent Fuel Program Manager</p> <p>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</p> <p>Holden, Gregory F. / Naval Reactors /</p> <p>Howard, Cliff / /</p> <p>Knowles, Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Environmental Transport Team/Special Projects Lead</p> <p>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Director</p> <p>Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis</p> <p>Newbury, Claudia M. / DOE - OCRWM Office of Repository Development / Physical Scientist</p> <p>Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /</p> <p>Salgado, Lorenzo / /</p>
Author Recipient Relationship	The author and recipients are DOE OCRWM personnel and other Yucca Mountain Project personnel who have responsibility for making the decision contemplated in the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document states the need to finalize the position that will be taken in the LA regarding the clad-credit and transportation impact on fuel performance.
Deliberation Explanation	Deliberation of whether data and analyses show that there is no expected transportation-induced degradation and different implications of such data on position to be taken in LA.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	E-MAIL
Participant Accession No.	ALA.20070918.0513
LSN Accession Number	DN2002470217
Doc Date	20070601
Title	PRIVILEGED DECISION PAPER ON ALLY 22
Subject Matter Description	Email discussion among NR personnel Decision Paper on Alloy 22 and NR's views of DOE's current position in the license application with respect to Ally 22 composition ranges.
Authors	<p>Dei, Donald E. / Naval Reactors /</p> <p>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</p> <p>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</p> <p>Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</p> <p>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</p>
Recipients	<p>Andes, John A. / Bettis - Pittsburgh Naval Reactors /</p> <p>Angerhofer, Todd E. / Naval Reactors /</p> <p>Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer</p> <p>Carey, Andy M. / Knolls Atomic Power Laboratory / Manager</p> <p>Dei, Donald E. / Naval Reactors /</p> <p>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</p> <p>Feigenbaum, Ted / BSC /</p>



	<p>Follin, James N. / Bettis - Environmental, Safety, and Health / Manager</p> <p>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</p> <p>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</p> <p>Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</p> <p>Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member</p> <p>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</p> <p>Holden, Gregory F. / Naval Reactors /</p> <p>Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis</p> <p>McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs</p> <p><b>Nanko, Laura / Bettis - Pittsburgh Naval Reactors /</b></p> <p>Orrell, Andrew / BSC Repository Development - Systems Engineering &amp; Integration / Sandia National Laboratory (SNL) Team Member</p> <p>Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /</p> <p>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</p> <p>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</p> <p>Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis</p> <p>Ward, John / /</p> <p>Williams, Mark H. / DOE /</p> <p>Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</p>
Old Recipients	<p>Andes, John A. / Bettis - Pittsburgh Naval Reactors /</p> <p>Angerhofer, Todd E. / Naval Reactors /</p> <p>Brown, Neil R. / BSC Repository Development - Engineered System / BSC Project Engineer</p> <p>Carey, Andy M. / Knolls Atomic Power Laboratory / Manager</p> <p>Dei, Donald E. / Naval Reactors /</p> <p>Dyer, Russel J. / DOE - OCRWM Office of Repository Development / Acting Deputy Director</p> <p><b>Feigenbaum, Ted / /</b></p> <p>Follin, James N. / Bettis - Environmental, Safety, and Health / Manager</p> <p>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</p> <p>Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager</p> <p>Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager</p> <p>Hanlon, Carol / DOE - OCRWM Office of License Application &amp; Strategy / Regulatory Interactions and Strategy Team Member</p> <p>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</p> <p>Holden, Gregory F. / Naval Reactors /</p> <p>Matyko, Gary M. / Bettis - Environmental, Safety, and Health / Manager, Spent Fuel Analysis</p> <p>McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs</p> <p><b>Nanko, Laura J. / Bettis - Pittsburgh Naval Reactors /</b></p> <p>Orrell, Andrew / BSC Repository Development - Systems Engineering &amp; Integration / Sandia National Laboratory (SNL) Team Member</p> <p>Pratt, Roy G. / Department of the Navy - Naval Sea Systems Command /</p> <p>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</p> <p>Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member</p> <p>Wade, David R. / Bettis - REO / Manager, Shipping Container Analysis</p> <p>Ward, John / /</p> <p>Williams, Mark H. / DOE /</p> <p>Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</p>
Author Recipient Relationship	NR personnel R. Gisch is providing information to his supervisor about the NR's proposed path forward on this issue.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	This email concerns the decision DOE will make regarding composition ranges for Alloy 22 that DOE will advocate in the license application and in the licensing proceeding.
Deliberation Explanation	This email proposes an alternative to the current DOE approach that NR would like to see implemented concerning Alloy 22 composition ranges, and it also discloses a draft position that DOE will take in its license application. The recommendation that NR will make to DOE does not reflect the DOE's decision pertaining to this issue. Moreover, the give and take reflected in this email concerns ongoing deliberations within NR on its position about this issue.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	E-MAIL
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)



Participant Accession No.	<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 / Benson, Carl J. / Bettis - Environmental, Safety, and Health / Carey, Andy M. / Knolls Atomic Power Laboratory / Manager Dei, Donald E. / Naval Reactors / Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager Hintz, Richard E. / Bettis - Environmental, Safety, and Health / Spent Fuel Analysis Holden, Gregory F. / Naval Reactors / Huyett, John D.// Lawson, Donald L. / Bettis - Mechanical, Electrical, and Reactor Activities / Lehm, Alan C.// McKenzie, John M. / Naval Reactors / Director, Regulatory Affairs Ward, John S.// Willis, Clarence R. / Bettis - Nuclear Engineering / Manager</b>
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>
Old Author Recipient Relationship	<b>The author is a DOE MTO 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>ALB.20040612.0558</b>
LSN Accession Number	<b>DN2002337420</b>
Doc Date	<b>20020516</b>
Title	<b>CRITERIA FOR EVALUATION</b>
Subject Matter Description	<b>Identification of criteria to evaluate the impact of drip shield and waste package design on YMP performance and licenseability.</b>
Authors	<b>Linden, Christine L./ BSC Repository Development - Analysis and Component Design/</b>
Recipients	<b>Parik, Sharad (Steve) R. / Bechtel / OCRWM contractor</b>
Old Recipients	<b>Parik, Sharad (Steve) R. / Bechtel /</b>
Author Recipient Relationship	<b>The author and recipient are two DOE MTO contractor personnel for the YMP.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>The document provides the author's recommendations on the reference topic, to assist the M&amp;O contractor in developing recommendation to DOE for DOE's request to assist DOE's decisionmaking on the topic</b>
Old Deliberation Explanation	<b>The document provides the author's recommendations on the reference topic, to assist the MTO contractor in developing recommendation to DOE for DOE's request to assist DOE's decisionmaking on the topic</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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 EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALB.20040612.7419</b>



LSN Accession Number	DN2002331934
Doc Date	20020730
Title	L. Trautner Briefing 07-30-02 Rev A
Subject Matter Description	The presentation addresses potential component design, waste package and drip shield reevaluations, and value engineering study update
Authors	Brown, Neil R. / BSC Repository Development - Metallurgical Engineers / BSC Senior Engineering Specialist Linden, Christine L. / BSC Repository Development - Tunneling Engineers / BSC Senior Engineer
Recipients	Brown, Neil R. / BSC Repository Development - Metallurgical Engineers / BSC Senior Engineering Specialist Trautner, Larry J./ BSC Repository Development - Conversion/
Author Recipient Relationship	The authors and recipients are DOE M&O contractor personnel for the YMP.
Old Author Recipient Relationship	The authors and recipients are DOE MTO contractor personnel for the YMP.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The decision relates what design of waste package and drip shield DOE should adopt for the YM repository and whether current designs should be reevaluated.
Deliberation Explanation	The documents identifies the methodology of the study, sets forth sensitivities relative to the LA, sets forth evaluation criteria, presented alternative drip shield and waste package concepts, and applied the criteria to those alternatives. The document provides the author's recommendation on the reference topic, to assist the M&O contractor in developing recommendations to DOE for DOE's request to assist DOE's decisionmaking on the topic
Old Deliberation Explanation	The documents identifies the methodology of the study, sets forth sensitivities relative to the LA, sets forth evaluation criteria, presented alternative drip shield and waste package concepts, and applied the criteria to those alternatives. The document provides the author's recommendation on the reference topic, to assist the MTO contractor in developing recommendations to DOE for DOE's request to assist DOE's decisionmaking on the topic
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	There is minimal factual information referenced in this presentation. To the extent it is included, it is by comparison to alternatives and intermixed into evaluation of those alternatives to the criteria set forth. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.
Doc Type	DATA DRAWING EMAIL-ATT MEETING AID

  

Participant Accession No.	ALB.20040621.9321
LSN Accession Number	DN2002479181
Old LSN Accession Number	DN2002473172
Doc Date	20040310
Title	lr_sar_1423jbmcomments
Subject Matter Description	Yucca Mountain Repository Safety Analysis Report, Chapter 1: Repository Safety Before Permanent Closure (Section 1.4.2.3 Environmental-Meteorological Monitoring System)
Authors	McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member
Recipients	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Self, Jerry G. / BSC Repository Development - License Application / BSC Senior Engineering Specialist
Author Recipient Relationship	The author is a DOE M&O contractor personnel. The recipients are M&O contractor personnel with responsibility for developing this section of the draft SAR.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content. This document is a part of the ongoing decision-making process within DOE on what positions and information should be included in the SAR that DOE will eventually file with the NRC.
Deliberation Explanation	The author is providing recommendations and opinions on the proposed licensing positions in this draft as well as the form and content of this draft section.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

  

Participant Accession No.	ALB.20040824.2168
LSN Accession Number	DN2002331194
Doc Date	20040619
Title	Re: SAR COMMENT ON 1.45 Kw/M
Subject Matter Description	Comments on draft SAR section 1.45
Authors	Anderson, Michael J. / BSC Repository Development - Engineering Production / BSC Principal Engineer 1



Recipients	<p>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager</p> <p>Chagnon, Carl W. / BSC Repository Development - Engineering Production / BSC Project Manager</p> <p>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</p> <p>Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer</p> <p><b>Hardin, Ernest / Berldey &amp; Sandia Laboratories / OCRWM Contractor</b></p> <p>Keller, Roger L. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</p> <p>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director</p> <p>Mecham, Delwin / DOE-CRWMS /</p> <p>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</p> <p>Zacccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead</p>
Old Recipients	<p>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager</p> <p>Chagnon, Carl W. / BSC Repository Development - Engineering Production / BSC Project Manager</p> <p>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</p> <p>Greenberg, Harris / MTS - Engineering &amp; Preclosure Safety Analysis / Booze Allen Hamilton (BAH) Nuclear Engineer</p> <p><b>Hardin, Ernest / BSC Repository Development - Integration / BSC Project Manager</b></p> <p>Keller, Roger L. / BSC Repository Development - Regulatory Coordination Group / BSC Senior Engineering Specialist</p> <p>Lachman, Kirk / DOE - OCRWM Office of Project Management and Engineering / Engineering Division Acting Director</p> <p>Mecham, Delwin / DOE-CRWMS /</p> <p>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</p> <p>Zacccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead</p>
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	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Old DP Decision Information	<b>Licensing positions to be taken on the subject matter of the draft LA sesed ction and its form and content.</b>
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.20040824.2764
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	<b>Perman, Roseanne / Geomatrix Consultants, Inc. / Senior Geologist</b>
Old Authors	<b>Perman, Roseanne / Geomatrix</b>
Recipients	<p>Blair, Stephen C. / Lawrence Livermore National Laboratory (LLNL) / Lawrence Livermore National Laboratory (LLNL) Physicist</p> <p>Board, Mark P. / BSC Repository Development - Engineering Systems &amp; Disruptive Events Operations / ITASCA Consulting Group, Inc. Scientist</p> <p>Quittmeyer, Richard C. / BSC Repository Development - Disruptive Events / Integrated Science Solutions, Inc. (ISSI) Principal Scientist</p> <p>Winborn, Carlos / Geomatrix</p>
Author Recipient Relationship	The author and recipients are DOE outside contractors with responsibilities for the draft document that is the subject of comments.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	<p>EMAIL-ATT</p> <p>LIST</p> <p>MANUAL</p>
Other Privilege Types	<p>LWP-other (FACT);</p> <p>LWP-other (OPINION)</p>



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/ Dunn, Thomas / BSC Holder, Richard H./ BSC Repository Development - Environmental Scientist/Engineer/ Junio, Stacy S./ BSC Repository Development - Program Health Physicists/ Richardson, Dennis C. / BSC Repository Development - Pre-Closure Design Integration Team / BSC Project Engineer 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>
Old Author Recipient Relationship	<b>The author is a YMP M&amp;O personnel. The recipients are other YMP M&amp;O 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.20040903.6309</b>
LSN Accession Number	<b>DN2002469289</b>
Doc Date	<b>20040720</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 Kordyak, Angela/ DOE - Office of General Counsel (OGC)/ Attorney</b>
Old Authors	<b>Hunton &amp; Williams, LLP Kordyak, Angela/ DOE - Office of General Counsel (OGC)/</b>
Recipients	<b>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 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>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</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager</b> <b>Kubicek, John /BSC</b> <b>Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II</b>
Old Recipients	<b>Ashley, Glenn /BSC</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager</b> <b>Kubicek, John /BSC</b> <b>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</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager</b> <b>Kubicek, John /BSC</b> <b>Lorenz, Jerry / BSC Repository Development - Design and Engineering / Red, Inc. Communications Technical Writer/Editor II</b>
Old Recipients	<b>Ashley, Glenn /BSC</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Holt Jr., Robert D. / BSC Repository Development - Engineering Production / BSC Project Manager</b> <b>Kubicek, John /BSC</b> <b>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>
Old Recipients	<b>Ferris, David / DOE-CRWMS / 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>
Old Recipients	<b>Gonzales, Jorge / BSC 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.20050323.2372</b>
LSN Accession Number	<b>DN2002338091</b>
Doc Date	<b>20040608</b>
Title	<b>Comments SAR 1-5-1</b>
Subject Matter Description	<b>Memorandum with attorney comments on draft SAR Section 1.5.1</b>
Authors	<b>Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Holloway, John / Hunton &amp; Williams, LLP / Hunton &amp; Williams, LLP Attorney</b> <b>Rinaca, James / Hunton &amp; Williams, LLP / Attorney</b>
Recipients	<b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Ferris, David / DOE-OCRWM /</b> <b>Zacccone, Charlotte A. / MTS - Engineering / Booze Allen Hamilton (BAH) Team Lead</b>
Old Recipients	<b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Acting Director</b> <b>Ferris, David / /</b> <b>Zacccone, 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 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</b> <b>EMAIL-ATT</b> <b>LIST</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.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</b> <b>Holloway, John/ Hunton &amp; Williams, LLP/ Attorney</b> <b>Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b>
Old Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/</b> <b>Holloway, John/ Hunton &amp; Williams, LLP/ Attorney</b> <b>Rinaca, James/ Hunton &amp; Williams, LLP/ Attorney</b>
Recipients	<b>Boutin, Robert J. / BSC Repository Development - Engineering Production / BSC Project Manager</b> <b>Brock, Robert T. / BSC Repository Development / BSC Senior Project Manager</b> <b>Craun, Richard L./ DOE - OCRWM Office of Project Management and Engineering/</b> <b>Suarez, Diego / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b> <b>Zacccone, 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</b> <b>EMAIL-ATT</b>



	<b>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>
Old Deliberation Explanation	<b>This document concerns the position DOE should take in the LA/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.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 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>
Old 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 legal analysis on the proposed licensing positions in, and form and content of, this draft section</b>
Old 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>CORRESPONDENCE EMAIL-ATT REPORT</b>
Other Privilege Types	<b>ACP-attorney to client; ACP-discusses attorneys advice</b>
Participant Accession No.	<b>ALB.20050331.0369</b>
LSN Accession Number	<b>DN2002335191</b>



Doc Date	20040609
Title	Comments on RIT Section 1.2.3(v1)
Subject Matter Description	Comments from licensing counsel on the draft LA section addressing Repository Safety Before Permanent Closure.
Authors	Holloway, John / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney
Recipients	Beard, Kristina / Hunton & Williams, LLP / Attorney Beasley, Amanda / Hunton & Williams, LLP / Attorney Hellstrom, George / DOE - Office of General Counsel (OGC) / Attorney Jenkins, Angela / Hunton & Williams, LLP / Attorney Rinaca, James / Hunton & Williams, LLP / Attorney
Author Recipient Relationship	The authors and recipients are all licensing counsel with licensing-related responsibility for the subject addressed by the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The licensing counsel authors are providing recommendations and legal analysis on the proposed licensing positions as well as the form and content of this draft section
Old Deliberation Explanation	The licensing counsel authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	CORRESPONDENCE EMAIL-ATT LIST
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

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

Participant Accession No.	ALB.20050527.2899
LSN Accession Number	DN2002332845
Doc Date	20050324
Title	1.3.2 ConsolLegal
Subject Matter Description	1.3.2 ConsolLegal
Authors	Beard, Kristina/ Hunton & Williams, LLP/ Attorney



Old Authors	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/ Attorney</b>
	<b>Suarez, Diego/ BSC Repository Development - Conversion/</b>
	<b>Beard, Kristina/ Hunton &amp; Williams, LLP/</b>
	<b>Hellstrom, George/ DOE - Office of General Counsel (OGC)/</b>
Recipients	<b>Suarez, Diego/ BSC Repository Development - Conversion/</b>
	<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>
Old Recipients	<b>White, Jon/ DOE/</b>
	<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/</b>
Author Recipient Relationship	<b>White, Jon/ DOE/</b>
	<b>Authors and recipients are DOE employees and contractors, and DOE OGC attorneys and outside counsel, responsible for the subject draft SAR sections.</b>
	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
	<b>Licensing positions to be taken on the subject matter of the draft LA section and its form and content.</b>
Determining Official	<b>The authors are providing recommendations, opinions, and advice on the proposed licensing positions in and form and content of this draft section</b>
DP Decision Information	<b>This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001</b>
Deliberation Explanation	<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>
Circulated Draft Affirmation	<b>DATA</b>
Non Redactable Statement	<b>EMAIL-ATT</b>
	<b>FORM</b>
	<b>LIST</b>
	<b>REPORT</b>
Doc Type	<b>ACP-attorney to client;</b>
Other Privilege Types	<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>
	<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</b>
	<b>Cotton, Thomas / BSC Repository Development - Program Integration / Consultant to DOE. BSC Program mission</b>
	<b>Irwin, Donald / Hunton &amp; Williams, LLP / Attorney</b>
	<b>Knox, Eric/DOE/deputy OCRWM director</b>
	<b>McRae, James B. / DOE - Office of General Counsel (OGC) / DOE Assistant General Counsel for Civilian Nuclear Programs</b>
	<b>Nutt, Mark / Golder Associates / consultant to DOE</b>
	<b>Peters, Mark / BSC Repository Development - Engineered System / Los Alamos National Laboratory (LANL) Department Manager</b>
	<b>Summerson, Jane R. / DOE - OCRWM Office of Facility Operations / Infrastructure Management Team Lead</b>
	<b>Sweeney, Janine / DOE - Office of General Counsel (OGC) /DOE Attorney</b>
	<b>Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney</b>
	<b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; 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.</b>



Old Recipients	Williams, Jeffrey R./ DOE - OCRWM /
	Andrews, Robert W. / BSC Repository Development - Licensing Defense /
	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
	Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / In 2001, Brownstein reported to Office of Program Management and Administration of which Richard W. Minning was Acting Director. In 2000, Brownstein reported to Ivan Itkin (Director of OCRWM). In 1999, Brownstein reported to Office of Program Management and Administration (Ronald Milner or Dwight Shelor, Directors). In 1998, Brownstein reported to Office of Program Management and Administration (Samual Rouso, Director). In 1997, he reported to OPMA (Rouso and James Bresee, Directors). In 1996, he reported to OPMA (Rouso, 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
	<b>McRae, Ben / DOE/attorney</b>
	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	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections, including an attorney from DOE OGC.</b>
Old Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections</b>
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged



information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.

Doc Type	EMAIL
Other Privilege Types	ACP-client to attorney
Participant Accession No.	ALB.20051102.0097
LSN Accession Number	DN2002335405
Doc Date	20050915
Title	FW: 2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication
Subject Matter Description	2.3.x Comments - Privileged and Confidential; Attorney Work Product; Attorney-Client Communication
Authors	Rasmussen, Kirk D. / Hunton & Williams, LLP / Attorney
Recipients	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates Project Manager/Laboratory Lead Smistad, Eric / DOE / OCRWM Official Yunker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I
Old Recipients	DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / Attorney Fillmore, Robert M. / Hunton & Williams, LLP / Attorney Kutzer, John F. / BSC Repository Development - LA Completion / Beckman & Associates Project Manager/Laboratory Lead Smistad, Eric / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Group Member Yunker, Jean L. / BSC Repository Development - Licensing Defense / Manager of Technology I
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are DOE OCRWM personnel and DOE's M&O contractor personnel who have responsibility for the draft document that is the subject of counsel's advice. The recipients also include other DOE counsel, including a DOE Office of General Counsel attorney, for the Yucca Mountain Project.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations, opinions, and legal advice on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT); LWP-prepared by attorney (OPINION)

Participant Accession No.	ALB.20051102.0655
LSN Accession Number	DN2002334936
Doc Date	20050908
Title	Language on Volcanic Eruptions: Privileged Attorney-Client Communication
Subject Matter Description	The document concerns the treatment of newly formed volcanoes in the draft License Application.
Authors	Frazier, Amanda J. / Hunton & Williams, LLP / Attorney
Recipients	Ashley, Glen / BSC/Beckman / Group Lead Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)
Old Recipients	Ashley, Glenn / BSC/Beckman / Bradbury, Robert / MTS - Licensing / Shaw Group (Stone & Webster) Staff Scientist (Regulatory)
Author Recipient Relationship	The author is an attorney with DOE's outside licensing counsel for the YM repository. The recipients are YMP personnel responsible for the subject draft LA (or SAR) sections that is the subject of counsel's advice.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any segregable factual information. It provides the attorney's analysis and recommendation, and disclosure of its content would reveal that analysis and recommendation. Also, comparison of this document to the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	ACP-attorney to client; LWP-prepared by attorney (FACT);



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

Participant Accession No.	<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>
Old 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 Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Group Member</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>
Old LSN Accession Number	
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> <b>Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director</b> <b>Irwin, Donald / Hunton &amp; Williams, LLP / Attorney</b> <b>Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis &amp; Strategy/Development / Director</b> <b>Lanthrum, Gary / /</b> <b>Neumayr, Mary / DOE/Office of General Counsel/attorney /</b> <b>Orrell, Andrew / Sandia National Laboratory (SNL) Team Member</b> <b>Powers, Ken / /</b> <b>Sproat, Edward F. III / DOE - OCRWM / Director</b> <b>Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member</b> <b>Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney</b> <b>Warther, Robert / DOE/RW /</b> <b>Williams, Mark H. / DOE /</b>
Old Recipients	<b>Benson, Allen B. / DOE - OCRWM Office of External Affairs / Director</b> <b>Crawford, David / /</b>



Davis, Shirley / /  
Dyer, Russel J. / DOE - OCRWM Office of the Chief Scientist / Lead  
Feigenbaum, Ted / /  
Golan, Paul / /  
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 / BSC Repository Development - Systems Engineering & Integration / 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.20040612.9415
LSN Accession Number	DN2002333754
Doc Date	20031120
Title	1113039495_Enc
Subject Matter Description	Study regarding the System Impacts of the Draft High-Level Radioactive Waste/Spent Nuclear Fuel Disposition Strategy
Authors	Gillespie, Scott G. / BSC Repository Development - Program Integration / BSC Principal Engineer I
Recipients	Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Benz, Edward F. / BSC Repository Development - Subcontractor Department / JAI Corporation Project Manager Garfield, William/BSC Repository Development Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Acting Director Lucas, Lawrence / DOE-CRWMS / Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager Orrell, Andrew / Sandia National Laboratory (SNL) Team Member Ross, Steven L. / DOE-CRWMS / Siddoway, Dean / DOE-CRWMS / Siefken, David L./ BSC Repository Development - Program Integration/ Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects
Old Recipients	Bailey, Jack / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist Benz, Edward F. / BSC Repository Development - Subcontractor Department / JAI Corporation Project Manager Garfield, William/BSC Repository Development Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Acting Director Lucas, Lawrence / DOE-CRWMS / Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Mitchell, John (Jr.) T. / BSC Repository Development - General Manager / BSC President & General Manager Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member



Ross, Steven L. / DOE-CRWMS /  
 Siddoway, Dean / DOE-CRWMS /  
 Siefken, David L./ BSC Repository Development - Program Integration/  
 Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member  
 Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects

Author Recipient Relationship	The author is an DOE M&O contractor personnel. The recipients are DOE and DOE contractor personnel who were funded by DOE to consider deposition strategies for work at the YM repository.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The ultimate decision is whether to adopt the IAS Case 5 as the reference defense waste receipt schedule for the LA.
Deliberation Explanation	The document examines the potential impacts of a draft revised EM IAS Case 5 on the CRWMS, including transportation impacts, repository impacts, and statutory, licensing and regulatory impacts.
Old Deliberation Explanation	The documents examines the potential impacts of a draft revised EM IAS Case 5 on the CRWMS, including transportation impacts, repository impacts, and statutory, licensing and regulatory impacts.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document contains no factual or background section. It contains assumptions, which are not independently tested or verified. Otherwise, it presents results and conclusions, reflecting the author's evaluation and judgment.
Doc Type	DATA DRAWING EMAIL-ATT LIST PHOTOGRAPH REPORT

Participant Accession No.	ALC.20040621.3689
LSN Accession Number	DN2002479061
Old LSN Accession Number	
Doc Date	20040301
Title	Re: Late comments on SAR Section 1.4.5.4, Water
Subject Matter Description	Late comments on SAR Section 1.4.5.4, Water
Authors	Minwalla, Homi J. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist
Recipients	Blois, Michael D. / BSC Repository Development - Engineering Production / BSC Engineering Supervisor Encarnacion, Narci / BSC / Mendiola, Perfecto/ BSC /
Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft LA (or SAR) sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	EMAIL
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	ALC.20040621.9759
LSN Accession Number	DN2002331177
Doc Date	20040219
Title	D&E_154_B021304jbmcomments
Subject Matter Description	The document is the draft section 1.5.4 of the draft LA with the authors' comments.
Authors	McIlvaine, Jim / BSC Repository Development - Licensing & Analysis / License Application/LA Configuration Control Team Member Nair, Prasad K. / BSC Repository Development - Design Interface & Integration / JK Research Associates (JKRA) Principal Regulatory Analyst
Recipients	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager Dokuzoguz, Halit /BSC Honaker, Raymond /BSC Jessen, James P. / BSC Repository Development - LA Configuration Control / BSC Senior Engineer McDonnell, Thomas /BSC Su, Steve / BSC / OCRWM contractor /



Old 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</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>
Old Recipients	<b>Bigbee, John / TRW /</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.20040824.8832</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/</b> <b>Dobson, David/ BSC Repository Development - License Application/</b> <b>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>
Old 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>
Old 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>
Old Authors	<b>Mattson, Gus / TRW / Meyer, Les / TRW / 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>
Old Recipients	<b>Griffith, Gary / TRW / Meyer, Les / TRW / Rowe, Gene W. / BSC Repository Development - CM-Construction Management / Stroupe, Woody / BSC/TRW / 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.20040611.3950</b>
LSN Accession Number	<b>DN2002330409</b>
Doc Date	<b>19970627</b>
Title	<b>Navycans</b>
Subject Matter Description	<b>The document concerns the size of disposal canisters for Naval SNF to be disposed of in the YM repository.</b>
Authors	<b>Benton, Hugh/ DOE - OCRWM Office of Waste Management/ Segrest, Aiden / TRW / M&amp;O Contractor Snell, Richard / TRW / M&amp;O Contractor</b>
Old Authors	<b>Benton, Hugh/ DOE - OCRWM Office of Waste Management/ Segrest, Aiden/TRW Snell, Richard/TRW</b>
Recipients	<b>Barton, Robert/ / Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/ Daniel, Paul / / Fish, Robert/ MTS - Engineering/</b>



	Gottlieb, Peter / / CRWMS, M&O, TRW, Las Vegas - Disposal of Surplus Weapons Plutonium. Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Haught, David C. / DOE - OCRWM Office of License Application & Strategy / Engineer <b>Lowther, Gayle/TRW / M&amp;O Contractor</b> Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member <b>Thomas, Daniel A. / TRW / M&amp;O Contractor</b> Williams, Dennis/ DOE - OCRWM/
Old Recipients	Barton, Robert/ / Brocoum, Stephan J/ DOE - OCRWM Office of Licensing & Regulatory Compliance/ Daniel, Paul / / Fish, Robert/ MTS - Engineering/ Gottlieb, Peter / / CRWMS, M&O, TRW, Las Vegas - Disposal of Surplus Weapons Plutonium. Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/ Haught, David C. / DOE - OCRWM Office of License Application & Strategy / Engineer <b>Lowther, Gayle/TRW</b> Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member <b>Thomas, Daniel A. / TRW</b> Williams, Dennis/ DOE - OCRWM/
Author Recipient Relationship	The authors and recipients are YMP personnel with DOE and DOE's M&O contractor for the YMP.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns whether DOE should restrict the size of Navy canisters to the size and weight of those for CSNF and defense high level waste.
Deliberation Explanation	The document provides the author's recommendations on the referenced topic and a summary of the grounds for those recommendations, for DOE's consideration and decision.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any separate factual discussion. Disclosure of the grounds for the author's recommendations would disclose their subjective opinions as to what factors are material to the decision and why. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT REPORT
Participant Accession No.	ALD.20040621.5617
LSN Accession Number	DN2002332664
Doc Date	20040223
Title	D&E_141_B022304 GLP
Subject Matter Description	SAR Chapter 1 - Repository Safety Before Permanent Closure - Electric Power
Authors	Pannell, George/ BSC Repository Development - Design Interface & Integration/
Recipients	Acree, Patrick / / <b>Ferris, David / DOE-OCRWM /</b> Keller, Roger L. / BSC Repository Development - Engineering Process / BSC Senior Engineering Specialist Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Rasmussen, David / / Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist Shapiro, Steve / BSC / Williams, Yvonne / BSC / Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I
Old Recipients	Acree, Patrick / / <b>Ferris, David / /</b> Keller, Roger L. / BSC Repository Development - Engineering Process / BSC Senior Engineering Specialist Martin, Guy / BSC Repository Development - Subcontractor Department / Beckman & Associates (B&A) or (BAA) Engineer I Nair, Prasad K. / BSC Repository Development - Subcontractor Department / JK Research Associates (JKRA) Principal Regulatory Analyst Rasmussen, David / / Self, Jerry G. / BSC Repository Development - LA Regulatory Programs / BSC Senior Engineering Specialist Shapiro, Steve / BSC / Williams, Yvonne / BSC / Wisenburg, Mark R. / BSC Repository Development - Regulatory Coordination Group / BSC Principal Engineer I



Author Recipient Relationship	Authors and recipients are DOE employees and contractors responsible for the subject draft SAR sections
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	Licensing positions to be taken on the subject matter of the draft LA section and its form and content.
Deliberation Explanation	The authors are providing recommendations and opinions on the proposed licensing positions as well as the form and content of this draft section
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALD.20040621.6680
LSN Accession Number	DN2002329445
Doc Date	20040301
Title	0301040624 SW rav IOM Licensing Position Data Qualification R1
Subject Matter Description	The document concerns the interpretation of NUREG-1298, which concerns the qualification of existing data used in engineering and scientific studies for the YMP.
Authors	Cereghino, Stephen J. / BSC Repository Development - License Application / BSC Senior Project Manager
Recipients	Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager Gilman, Lynne / TRW/BSC / M&O Contractor Higgins, Tom / BSC / License Application Integration Group Lucas, L. L. / BSC / Mason, M. J. / / Whitcraft, J.S. / / Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I
Old Recipients	Andrews, Robert W. / BSC Repository Development - Performance Assessment / BSC Senior Project Manager Gilman, Lynne / TRW/BSC / Higgins, Tom / BSC / License Application Integration Group Lucas, L. L. / BSC / Mason, M. J. / / Whitcraft, J.S. / / Williams, Nancy H. / BSC Repository Development / BSC Manager of Projects Yunker, Jean L. / BSC Repository Development - Chief Science Officer / BSC Manager of Technology I
Author Recipient Relationship	The author and recipient are M&O contractor personnel who work on the YMP and who are involved in the development of the proposed licensing position. The document was presented to the License Application Integration Group for decision.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The document recommends to DOE, through the License Application Integration Group, a licensing position to adopt with respect to the need to qualify data used in scientific and technical work for the YMP.
Deliberation Explanation	The document provides the authors subjective opinions about the meaning of NUREG-1298 and makes a recommended interpretation for DOE's consideration.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any factual discussion. It provides opinions about the meaning of NUREG-1298 and provides subjective opinions only. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.
Doc Type	CORRESPONDENCE EMAIL-ATT REPORT
Participant Accession No.	ALD.20040824.2215
LSN Accession Number	DN2002332337
Doc Date	20040520
Title	SAR_2.3.5 condensation (ELH 20May04)
Subject Matter Description	The document is a copy of the draft section 2.3.5.4.2 of the draft LA, which addresses the representation of convection and condensation processes in the repository emplacement drifts.
Authors	Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor



Old Authors	<b>Hardin, Ernest / BSC Repository Development - Conversion/</b>
Recipients	<b>Kirstein, Bruce E. / BSC Repository Development - Integration / BSC Principal Engineer I</b>
	<b>Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor</b>
	<b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b>
	<b>Reed, A. W. / Sandia National Laboratory /</b> <b>Webb, Stephen W. / Sandia National Laboratory /</b>
Old Recipients	<b>Kirstein, Bruce E. / BSC Repository Development - Integration / BSC Principal Engineer I</b>
	<b>Knowles, Kathryn / BSC Repository Development / Sandia National Laboratory (SNL) Integration/Near Field Transport Team/EBS Transport Team Lead</b>
	<b>Prouty, Jeralyn L. / BSC Repository Development - Subcontractor Department / RCS Corporation Engineer</b>
	<b>Reed, A. W. / Sandia National Laboratory /</b> <b>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 thise 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</b>
	<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>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>
Old Recipients	<b>Edward 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</b>
	<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>ALD.20050222.4774</b>
LSN Accession Number	<b>DN2002468970</b>
Doc Date	<b>19970625</b>
Title	<b>9706MDR1</b>
Subject Matter Description	<b>The document is minutes from the June 23-24 1997 Management Design Review meeting.</b>
Authors	<b>Blink, James/ BSC Repository Development - Data &amp; TSPA Parameter Management/</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/</b>
	<b>Dulock, Victor / TRW / M&amp;O Contractor</b>
	<b>Hayes, Larry / USGS &amp; TRW / M&amp;O Contractor</b>



	Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/
Old Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / TRW / Hayes, Larry / USGS & TRW / Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/
Author Recipient Relationship	The author and recipients are DOE employees or contractors with licensing-related responsibility for the subject of the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The contemplated decision relates to the design of the repository.
Deliberation Explanation	The document, along with its related documents, captures and memorializes the in-depth, two-day discussion of a range of issues necessary for consideration in arriving at repository design decisions.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	EMAIL-ATT
Participant Accession No.	ALD.20050222.4776
LSN Accession Number	DN2002479189
Old LSN Accession Number	DN2002319525
Doc Date	19970625
Title	MDRNOTE1
Subject Matter Description	The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.
Authors	Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/
Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / BSC Hayes, Larry / BSC Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ Younker, Jean L./ BSC Repository Development - Chief Science Officer/
Author Recipient Relationship	The author and recipients are DOE M&O contractor personnel who are responsible for the subject matter of the document.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The contemplated decision relates to the design of the repository.
Deliberation Explanation	The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document does not have a factual section. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.
Doc Type	EMAIL-ATT MEETING AID
Participant Accession No.	ALD.20050222.4778
LSN Accession Number	DN2002479041
Old LSN Accession Number	DN2002302384
Doc Date	19970625
Title	MDRNOTE2
Subject Matter Description	The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.
Authors	Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/
Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Dulock, Victor / BSC Hayes, Larry / BSC Sellers, Mark D./ BSC Repository Development - Conversion/ Snell, Richard/ BSC Repository Development - Performance Assessment/ Voegele, Michael D./ BSC Repository Development - Chief Science Officer/



	<b>Yunker, Jean L./ BSC Repository Development - Chief Science Officer/</b>
Author Recipient Relationship	<b>The author and recipients are DOE M&amp;O contractor personnel who are responsible for the subject matter of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The contemplated decision relates to the design of the repository.</b>
Deliberation Explanation	<b>The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b> <b>MANUAL</b>
Participant Accession No.	<b>ALD.20050222.4780</b>
LSN Accession Number	<b>DN2002479223</b>
Old LSN Accession Number	<b>DN2002323095</b>
Doc Date	<b>19970625</b>
Title	<b>QUESTION</b>
Subject Matter Description	<b>The document is a supplement to the minutes from the June 23-24 1997 Management Design Review meeting.</b>
Authors	<b>Blink, James/ BSC Repository Development - Data &amp; TSPA Parameter Management/ OCRWM contractor</b>
Old Authors	<b>Blink, James/ BSC Repository Development - Data &amp; TSPA Parameter Management/</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/ OCRWM contractor</b> <b>Dulock, Victor /BSC / OCRWM contractor</b> <b>Hayes, Larry / BSC / OCRWM contractor</b> <b>Sellers, Mark D./ BSC Repository Development - Conversion/ OCRWM contractor</b> <b>Snell, Richard/ BSC Repository Development - Performance Assessment/ OCRWM contractor</b> <b>Voegele, Michael D./ BSC Repository Development - Chief Science Officer/ OCRWM contractor</b> <b>Yunker, Jean L./ BSC Repository Development - Chief Science Officer/ OCRWM contractor</b>
Old Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/</b> <b>Dulock, Victor /BSC</b> <b>Hayes, Larry / BSC</b> <b>Sellers, Mark D./ BSC Repository Development - Conversion/</b> <b>Snell, Richard/ BSC Repository Development - Performance Assessment/</b> <b>Voegele, Michael D./ BSC Repository Development - Chief Science Officer/</b> <b>Yunker, Jean L./ BSC Repository Development - Chief Science Officer/</b>
Author Recipient Relationship	<b>The author and recipients are DOE M&amp;O contractor personnel who are responsible for the subject matter of the document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The contemplated decision relates to the design of the repository.</b>
Deliberation Explanation	<b>The document, along with its related documents, captures and memorializes a discussion of a range of issues necessary for consideration in arriving at repository design decisions. The document was part of the process to develop recommendations on design options for the YM repository, for DOE's decision.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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. Disclosure of its contents would reveal issues that were under consideration and factors that were proposed for consideration as part of the decisionmaking development process.</b>
Doc Type	<b>EMAIL-ATT</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALF.20040615.6311</b>
LSN Accession Number	<b>DN2002329685</b>
Doc Date	<b>20000508</b>
Title	<b>Re: PORB</b>
Subject Matter Description	<b>The subject of the email is the authors' comments, opinions, and recommendation on a draft position paper addressing time frame and peak dose</b>
Authors	<b>Brownstein, Alan B. / DOE - OCRWM Office of Repository Development /</b> <b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/</b> <b>Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/</b> <b>Cline, Mike L. / TRW/BSC / M&amp;O Contractor</b> <b>Fomous, John/ DOE/</b>



	<b>Gamble, Robert / MTS /</b>
	<b>Goffi, Richard / /</b>
	<b>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/</b>
	<b>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Smistad, Eric / DOE / OCRWM Official</b>
	<b>Sullivan, Timothy/ DOE/</b>
	<b>Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Williams, Dennis/ DOE - OCRWM/</b>
Old Recipients	<b>Brocoum, Stephan J/ DOE - OCRWM Office of Licensing &amp; Regulatory Compliance/</b>
	<b>Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/</b>
	<b>Cline, Mike L. / TRW/BSC /</b>
	<b>Fomous, John/ DOE/</b>
	<b>Gamble, Robert/ /</b>
	<b>Goffi, Richard / /</b>
	<b>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/</b>
	<b>Kane, Daniel W./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Smistad, Eric/ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Sullivan, Timothy/ DOE/</b>
	<b>Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Van Luik, Abraham E./ DOE - OCRWM Office of License Application &amp; Strategy/</b>
	<b>Williams, Dennis/ DOE - OCRWM/</b>
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for making a recommendation to the PORB regarding peak dose and time frame.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The anticipated decision relates to inputs to be used in various peak dose calculations</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions regarding various proposed conservatisms to be used and other inputs for peak dose 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 email contains no fact section. It discusses alternatives, assumptions, and the authors' recommendations and analyses of the draft position paper.</b>
Doc Type	<b>EMAIL</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/ /</b>
	<b>Fehrenback, John / /</b>
	<b>Hanson, Glen T. / TRW / M&amp;O Contractor</b>
	<b>Maheras, Steven / TRW / M&amp;O Contractor</b>
	<b>York, Jim / TRW / M&amp;O Contractor</b>
Old Recipients	<b>Bruno, Thomas/ /</b>
	<b>Fehrenback, John</b>
	<b>Hanson, Glen T. / BSC Repository Development - Conversion/</b>
	<b>Maheras, Steven / TRW/SAIC/BSC /</b>
	<b>York, Jim / BSC Repository Development - Planning &amp; Program Integration / Regulatory Coordination Team Member</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>
Old Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for commenting on the proposed change to the EPA draft standard.</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</b>



	language.
Doc Type	EMAIL
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALG.20040615.5205
LSN Accession Number	DN2002469629
Doc Date	20030227
Title	Waste Stream Parameters draft licensing position(REVA5)
Subject Matter Description	The document concerns the rate of receipt and arrival sequence of spent nuclear fuel and other waste forms at the YM repository.
Authors	Cereghino, Stephen J./ BSC Repository Development - Conversion/
Recipients	License Application Integration Group
Author Recipient Relationship	The author is an YMP personnel. The recipients are members of a group formed by DOE to review and adopt licensing positions that impact the license application.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns what definition of waste stream parameters DOE should adopt for purposes of repository design and performance assessment.
Deliberation Explanation	The document provides the author's recommendation on the referenced topic and the author's opinions about the advantages and impacts of the recommended position.
Old Deliberation Explanation	The document provides the author's recommendation on the referenced topic and the author's opinions about the advantages and impacts of the recommended position.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	A comparison of the document with its final version would reveal DOE's internal deliberations on what positions to take with respect to the receipt of waste at YM and what to state in support of those positions.
Old Non Redactable Statement	
Doc Type	EMAIL-ATT
Participant Accession No.	ALG.20040615.5975
LSN Accession Number	DN2002330577
Doc Date	19991110
Title	TJ comment brief rev2
Subject Matter Description	EPA's Proposed Radiation Protection Standards for Yucca Mountain
Authors	Goffi, Richard/ / York, Jim/ Repository Development - Planning & Program Integration/
Recipients	Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Bruno, Thomas / / Fomous, John/ DOE/
Author Recipient Relationship	The authors are DOE M&O contractor personnel assisting DOE in it's deliberations on the subject regulations. The recipients are DOE personnel working on the topic.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The contemplated decision is what agency position DOE will take on the EPA proposed radiation protection standards.
Deliberation Explanation	The document concerns what agency position DOE will take on whether the proposed regulations should be adopted. The document contains the authors' subjective opinions.
Old Deliberation Explanation	The document concerns what agency position DOE will take on whether the proposed regulations should be adopted.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	Although there are brief statements summarizing the EPA proposed standard, the summary necessarily reflects the author's assessment of and judgment about the importance of the standard. The presentation sets forth the authors' subjective evaluation of the impact of that proposal and proposed actions associated with that proposal. The document was part of DOE's decision making with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.
Doc Type	EMAIL-ATT REPORT
Participant Accession No.	ALG.20040615.6054
LSN Accession Number	DN2002479121
Old LSN Accession Number	
Doc Date	19991126
Title	Epa197rv
Subject Matter Description	The document concerns draft safety standard regulations that EPA had proposed for the YM repository.
Authors	Barrett, Lake H./ DOE - OCRWM Office of External Relations & Policy/
Recipients	Bruno, Thomas / / Fehrenbach, Jon // Goffi, Richard / /



	<b>Hanson, Glen T. / BSC Repository Development - Licensing &amp; Engineering / BSC Principal Scientist II</b> <b>York, Jim / BSC Repository Development - Planning &amp; Program Integration / Regulatory Coordination Team Member</b>
Author Recipient Relationship	<b>The authors and recipients are DOE employees or contractors preparing proposed comments on the EPA's proposed radiation protections standards for the repository.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>Licensing positions to be taken regarding the EPA's proposed radiation protection standards.</b>
Deliberation Explanation	<b>The authors are providing recommendations and opinions on the proposed licensing positions relating to the EPA's proposed radiation protection standards.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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>
Participant Accession No.	<b>ALG.20040615.6055</b>
LSN Accession Number	<b>DN2002479224</b>
Old LSN Accession Number	<b>DN2002324010</b>
Doc Date	<b>19990827</b>
Title	<b>NPR - Comment Cover Letter 10 29 99</b>
Subject Matter Description	<b>The document concerns draft regulations proposed by EPA for individual and groundwater protection standards applicable to geologic repositories.</b>
Authors	<b>Barrett, Lake H./ DOE - OCRWM Office of External Relations &amp; Policy/</b> <b>Fomous, John/ DOE/OCRWM</b>
Recipients	<b>Bruno, Thomas / /</b> <b>Clark, Robert W. / DOE - OCRWM / Office of Quality Assurance, Director</b> <b>Fehrenbach, John //</b> <b>Goffi, Richard / Booz-Allen Hamilton</b> <b>Hanson, Glen T. / BSC Repository Development - Licensing &amp; Engineering / BSC Principal Scientist II</b> <b>York, Jim / BSC Repository Development - Planning &amp; Program Integration / Regulatory Coordination Team Member</b>
Author Recipient Relationship	<b>The authors are DOE OCRWM officials. The recipients are DOE OCRWM officials and DOE OCRWM contractors who assisted the author is preparation of the draft document.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns that agency positions DOE should adopt with respect to the draft regulations proposed by EPA.</b>
Deliberation Explanation	<b>The document provides the author's recommendations as to what agency positions DOE should adopt with regard to the proposed regulations, including any amendments DOE should make to EPA.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 section. It consists solely of recommended agency positions. Also, comparison of the draft document with DOE's final comments would disclose what potential positions DOE had under consideration and what positions it may have considered but rejected.</b>
Doc Type	<b>CORRESPONDENCE</b> <b>EMAIL-ATT</b>
Participant Accession No.	<b>ALG.20040615.6060</b>
LSN Accession Number	<b>DN2002479125</b>
Old LSN Accession Number	<b>DN2002312253</b>
Doc Date	<b>19991029</b>
Title	<b>Tab E - BID - 10 29 99</b>
Subject Matter Description	<b>The document concerns draft safety standard regulations that EPA had proposed for the YM repository.</b>
Authors	<b>Fomous, John/ DOE/</b>
Recipients	<b>Bruno, Thomas / DOE</b> <b>Clark, Robert W./ DOE - OCRWM/</b> <b>Fehrenbach, John /DOE</b> <b>Goffi, Richard / Booz-Allen Hamilton</b> <b>Hanson, Glen T. / BSC</b> <b>York, Jim /BSC</b>
Author Recipient Relationship	<b>The author and recipient are DOE officials and DOE contractor personnel who were responsible for preparation of draft comments from DOE to EPA on proposed regulations under 40 CFR 197.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision is what positions DOE should adopt with respect to the proposed regulations and what grounds DOE should offer in support of those positions.</b>
Deliberation Explanation	<b>The document provides recommended positions and supporting rationales, for ultimate consideration for the DOE secretary.</b>
Circulated Draft Affirmation	<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>



	<b>2.1001</b>
Non Redactable Statement	<b>This document cannot be redacted because it does not contain any factual section or discussion as such. It consists of recommended agency positions. A comparison of the document with the final version of DOE's comments would reveal DOE's internal deliberations on what positions to take with respect to the draft regulations and what to state in support of those positions. Disclosure also would reveal what positions DOE had under deliberation but rejected.</b>
Doc Type	<b>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALG.20040615.6121</b>
LSN Accession Number	<b>DN2002479219</b>
Old LSN Accession Number	<b>DN2002322697</b>
Doc Date	<b>20000330</b>
Title	<b>Moniz talking points Apr2000</b>
Subject Matter Description	<b>DOE's position on the Draft EPA Radiation Protection Standards for Yucca Mountain</b>
Authors	<b>Fomous, John/ DOE/</b>
Recipients	<b>Brownstein, Alan B. / DOE - OCRWM Office of Repository Development / DOE Regulatory Coordination Division Director Bruno, Thomas / / Goffi, Richard / / York, Jim / BSC Repository Development - Planning &amp; Program Integration / Regulatory Coordination Team Member</b>
Author Recipient Relationship	<b>The author is a DOE official responsible for development of DOE agency positions on the regulations. The recipients are other DOE and DOE M&amp;O contractor personnel assisting in that effort.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The decision and policy making at issues relates to the proposed proposed EPA groundwater rules.</b>
Deliberation Explanation	<b>The memorandum sets out talking points on the proposed EPA groundwater rules and discusses impacts of EPA's proposed rules on DOE's ability to meet those standards. The document is part of DOE's deliberations on what positions DOE will take with EPA regarding the referenced draft regulations.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 of this short, half-page document. It simply reflects the author's recommended talking points. The document was part of DOE's decision making with respect to what agency positions to take regarding the proposed regulations. Disclosure of its content would reveal potential positions that DOE had under consideration, and comparison of the document with DOE's final positions would allow reconstruction of DOE's deliberations.</b>
Doc Type	<b>EMAIL-ATT REPORT</b>
Participant Accession No.	<b>ALG.20040617.5262</b>
LSN Accession Number	<b>DN2002479027</b>
Old LSN Accession Number	<b>DN2002301773</b>
Doc Date	<b>19961024</b>
Title	<b>Is a High Thermal Load Licensable?</b>
Subject Matter Description	<b>The subject matter of the email and attached document is the author's position paper addressing whether a high thermal load is licensable.</b>
Authors	<b>Saterlie, Steven / BSC /</b>
Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/ Balady, Mark / BSC / Blink, James/ BSC Repository Development - Data &amp; TSPA Parameter Management/ Bodnar, Steve / BSC / Datta, Robin / BSC / Dulock, Victor/ BSC / Memory, Richard / BSC / Nelson, Stephen / BSC / Peters, Mark/ BSC Repository Development - Engineered System/ Scott, Michael L./ BSC Repository Development - Management &amp; Operations/ Sellers, Mark D./ BSC Repository Development - Conversion/ Sevougian, David/ BSC Repository Development - Management &amp; Operations/ Thomson, Brent / BSC / Wagner, Richard / BSC /</b>
Author Recipient Relationship	<b>The authors and recipients are DOE M&amp;O contractor personnel responsible for the subject matter of the documents.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The proposed decision is whether to proceed with plans for and work on a "hot" repository design for the YM repository.</b>
Deliberation Explanation	<b>The email and attached draft memorandum position paper considers and advocates regarding the licensability of a high thermal load. The document is part of DOE's decision making as to what design to select for the YM repository.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 factual background section and reflects the author's evaluation and opinion. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.</b>
Doc Type	<b>EMAIL</b>
Participant Accession No.	<b>ALG.20040618.6263</b>
LSN Accession Number	<b>DN2002334358</b>
Doc Date	<b>20000728</b>
Title	<b>DOE SNF Issues</b>
Subject Matter Description	<b>The document concerns the development of a strategy regarding the storage of SNF at the YM repository.</b>
Authors	<b>Slater, Nancy/ DOE /</b>
Recipients	<b>Gomberg, Steve/ DOE - OCRWM Office of Waste Management/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/ Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Division Nuclear Engineer Murray, Robert / MTS - Licensing / Booze Allen Hamilton (BAH) Manager</b>
Author Recipient Relationship	<b>The author is a DOE official responsible for the subject matter of the document. The recipients are OCRWM officials and DOE's contractors with responsibility over the subject matter.</b>
Old Author Recipient Relationship	<b>The author is a DOE official responsible for</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This memorandum discusses and identifies four issues for DOE to decide in order to develop a licensing strategy for storing spent nuclear fuel at the repository. The issues include the qualification of data, approaches for canisters, and the type of information needed prior to storage at the repository.</b>
Deliberation Explanation	<b>The author identifies and discusses issues related to the project's licensing strategy for storing spent nuclear fuel at the repository, including the qualification of data, approaches for canisters, and the type of information needed prior to storage at the repository. The discussion of these issues presents the author's opinion on matters of licensing strategy and reflect the give-and-take that occurs within the project on issues related to the storage of SNF at the repository.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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>EMAIL-ATT REPORT</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>
Old 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 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</b>



the author considered important. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.

Doc Type	EMAIL-ATT LIST REPORT
Participant Accession No.	ALH.20040617.2083
LSN Accession Number	DN2002331743
Doc Date	19961016
Title	HIGHTL
Subject Matter Description	The subject matter of the email and attached document is the author's position paper addressing whether a high thermal load is licensable.
Authors	Saterlie, Steven
Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Balady, Mark / TRW/BSC / M&O Contractor Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/ Bodnar, Steve Datta, Robin// Dulock, Victor / TRW / M&O Contractor Memory, Richard / TRW / M&O Contractor Nelson, Stephen / TRW / M&O Contractor Peters, Mark/ BSC Repository Development - Engineered System/ Scott, Michael L./ BSC Repository Development - Management & Operations/ Sellers, Mark D./ BSC Repository Development - Conversion/ Sevougian, David/ BSC Repository Development - Management & Operations/ Thomson, Brent Wagner, Richard / BSC /
Old Recipients	Bailey, Jack/ BSC Repository Development - Integration/ Balady, Mark / TRW/BSC / Blink, James/ BSC Repository Development - Data & TSPA Parameter Management/ Bodnar, Steve Datta, Robin// Dulock, Victor / TRW / Memory, Richard / TRW / Nelson, Stephen / TRW / Peters, Mark/ BSC Repository Development - Engineered System/ Scott, Michael L./ BSC Repository Development - Management & Operations/ Sellers, Mark D./ BSC Repository Development - Conversion/ Sevougian, David/ BSC Repository Development - Management & Operations/ Thomson, Brent Wagner, Richard / BSC /
Author Recipient Relationship	The author and recipients are DOE YMP personnel responsible for assisting DOE in selection of a repository design.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The proposed decision is whether DOE should select a "hot" repository design for operation of the YM repository.
Deliberation Explanation	The email and attached draft memorandum position paper considers and advocates regarding the licensability of a high thermal load.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The memorandum contains no factual background section and reflects the author's evaluation and opinion. The author's selection of or reference to factual information necessarily reflects his judgment and evaluation of the factual information and its importance to his advanced argument and therefore cannot be revealed without revealing privileged information. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.
Doc Type	EMAIL-ATT REPORT
Participant Accession No.	ALH.20040617.5861
LSN Accession Number	DN2002337101
Doc Date	20000912
Title	SNFissues09-12
Subject Matter Description	This paper addresses the licensing strategy for DOE SNF.
Authors	Stambaugh, Roberta / SNL /



Recipients	Bailey, Jack/ BSC Repository Development - Integration/
	Beckman, Donald/ BSC Repository Development - KTI Completion Team/
	Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/
	Bruno, Thomas/ /
	Burgoyne, Robert/ MTS - Transportation/
	Carlson, James/ DOE - OCRWM/
	Clark, Robert W./ DOE - OCRWM/
	Clouet, John / TRW / M&O Contractor
	Draffin, Cyril / TRW / M&O Contractor
	Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Evans, Deborah
	Gomberg, Steve/ DOE - OCRWM Office of Waste Management/
	Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
	Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/
	Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
	Howard, Robert L./ TRW / M&O Contractor
	Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/
	Pollog, Thomas / RW/DOE /
	Popa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/
	Scott, Michael L./ TRW / M&O Contractor
	Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/
	Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/
	Slater, Nancy/ TRW / M&O Contractor
	Sweeney, Timothy / TRW / M&O Contractor
	Vance, Scott / TRW/JAI / M&O Contractor
	Vlahakis, John/ DOE/
	Whetsel, R. / TRW / M&O Contractor
	Zabransky, Dave K./ DOE - OCRWM/
Old Recipients	Bailey, Jack/ BSC Repository Development - Integration/
	Beckman, Donald/ BSC Repository Development - KTI Completion Team/
	Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/
	Bruno, Thomas/ /
	Burgoyne, Robert/ MTS - Transportation/
	Carlson, James/ DOE - OCRWM/
	Clark, Robert W./ DOE - OCRWM/
	Clouet, John / TRW /
	Draffin, Cyril / TRW /
	Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Evans, Deborah
	Gomberg, Steve/ DOE - OCRWM Office of Waste Management/
	Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
	Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/
	Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
	Howard, Robert L./ BSC Repository Development - Conversion/
	Murthy, Beesabathuni S./ DOE - OCRWM Office of Quality Assurance/
	Pollog, Thomas / RW/DOE /
	Popa, Markus A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/
	Scott, Michael L./ BSC Repository Development - Management & Operations/
	Senderling, Mark S./ DOE - OCRWM Office of Acquisition Strategy/
	Sequeira, Gary/ MTS - Engineering & Design & Preclosure Safety Analysis/
	Slater, Nancy/ BSC /
	Sweeney, Timothy / BSC /
	Vance, Scott / TRW/JAI /
	Vlahakis, John/ DOE/
	Whetsel, R. / BSC Repository Development - Site Recommendation / Comment Summary Document Team Member
	Zabransky, Dave K./ DOE - OCRWM/
Author Recipient Relationship	The author and recipients are DOE contractor personnel and DOE personnel who work on the YMP who were tasked to perform the requested analysis.
Old Author Recipient Relationship	The author and recipients are SNL personnel and DOE personnel who work on the YMP who were tasked to perform the requested analysis.



Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	This document is part of the decision-making process regarding the form of and licensing strategy for DOE SNF.
Deliberation Explanation	This document provides the basis for discussion relating to making a decision regarding the form of and licensing strategy for DOE SNF.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	<p>This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.</p> <p>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.</p>
Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALH.20040617.9111
LSN Accession Number	DN2002470503
Doc Date	20000724
Title	Re: DOE SNF WHITE PAPER
Subject Matter Description	The document concerns a draft strategy paper entitled "Approach to Including U.S. Department of Energy Spent Nuclear Fuel in the Monitored Geologic Repository Site Recommendation and License Application."
Authors	Draffin, Cyril / TRW / M&O Contractor
Old Authors	Draffin, Cyril / TRW /
Recipients	<p>Bruno, Thomas/ /</p> <p>Burgoyne, Robert/ MTS - Transportation/</p> <p>Carlson, James/ DOE - OCRWM/</p> <p>Clouet, John / TRW / M&amp;O Contractor</p> <p>Gunter, Timothy/ DOE - OCRWM Office of Repository Development/</p> <p>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Morissette, Richard /DOE/</p> <p>Price, Joe C./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Slater, Nancy / DOE/RW /</p> <p>Sweeney, Timothy / TRW / M&amp;O Contractor</p> <p>Vlahakis, John/ DOE/</p> <p>Zabransky, Dave K./ DOE - OCRWM/</p>
Old Recipients	<p>Bruno, Thomas/ /</p> <p>Burgoyne, Robert/ MTS - Transportation/</p> <p>Carlson, James/ DOE - OCRWM/</p> <p>Clouet, John / TRW /</p> <p>Gunter, Timothy/ DOE - OCRWM Office of Repository Development/</p> <p>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/</p> <p>Morissette, Richard /DOE/</p> <p>Price, Joe C./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Slater, Nancy / DOE/RW /</p> <p>Sweeney, Timothy / BSC /</p> <p>Vlahakis, John/ DOE/</p> <p>Zabransky, Dave K./ DOE - OCRWM/</p>
Author Recipient Relationship	The authors and recipients are DOE and DOE contractor personnel responsible for preparation of the referenced strategy white paper.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The immediate decision is what comments to incorporate into the draft white paper, and the ultimate decision and subject of the white paper relates to the strategy for utilizing DOE SNF in the YM repository in light of existing data regarding such fuel.
Deliberation Explanation	The comments reflect the author's assessment of the draft white paper and their recommendations for its revision.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	<p>There is no factual section. The email text presents broad-level comments and issues for resolution.</p> <p>Comparison of the comments in this email to the final version of the white paper would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.</p>
Doc Type	EMAIL
Other Privilege Types	LWP-other (FACT);



Participant Accession No.	ALI.20040617.6338
LSN Accession Number	DN2002332887
Doc Date	20000714
Title	DOESNF3
Subject Matter Description	The document concerns a strategy for inclusion of DOE SNF in the YM repository.
Authors	Draffin, Cyril / TRW / M&O Contractor
Old Authors	Draffin, Cyril / TRW /
Recipients	Bailey, Jack/ TRW - Integration/ M&O Contractor
	Broccoum, Steve / OCRWM /
	Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/
	Bruno, Thomas/ BAH/MTS/
	Burgoynes, Robert/ MTS - Transportation/
	Carlson, James/ DOE - OCRWM/
	Clark, Robert W./ DOE - OCRWM/
	Clouet, John / TRW / M&O Contractor
	Draffin, Cyril / TRW / M&O Contractor
	Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
	Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/
	Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
	Morissette, Richard /DOE/
	Pollog, Thomas / RW/DOE /
	Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/
	Scott, Michael L./ TRW / M&O Contractor
	Slater, Nancy / DOE/RW /
	Sweeney, Timothy / TRW / M&O Contractor
	Vlahakis, John/ DOE/
Old Recipients	Zabransky, Dave K./ DOE - OCRWM/
	Bailey, Jack/ BSC Repository Development - Integration/
	Broccoum, Steve
	Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/
	Bruno, Thomas/ BAH/MTS/
	Burgoynes, Robert/ MTS - Transportation/
	Carlson, James/ DOE - OCRWM/
	Clark, Robert W./ DOE - OCRWM/
	Clouet, John / TRW /
	Draffin, Cyril / TRW /
	Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
	Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/
	Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
	Morissette, Richard /DOE/
	Pollog, Thomas / RW/DOE /
	Price, Joe C./ DOE - OCRWM Office of License Application & Strategy/
	Scott, Michael L./ BSC Repository Development - Management & Operations/
	Slater, Nancy / DOE/RW /
	Sweeney, Timothy / BSC /
Author Recipient Relationship	Vlahakis, John/ DOE/
	Zabransky, Dave K./ DOE - OCRWM/
	The authors and recipients are DOE and DOE contractor personnel responsible for preparation of the referenced strategy white paper.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The immediate decision is what comments to incorporate into the draft white paper, and the ultimate decision and subject of the white paper relates to the strategy for utilizing DOE SNF in the YM repository.
Deliberation Explanation	The comments reflect the assessment of OCRWM officials on the draft white paper and their recommendations for its revision.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	There is not factual section. The document contains cross-references to the draft with the authors' comments and questions thereon. In addition, comparison of this draft with the final version of the subject document would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.



Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)
Participant Accession No.	ALM.20040612.1363
LSN Accession Number	DN2002332569
Doc Date	19991117
Title	Tab C - HIS - 11 16 99
Subject Matter Description	DOE Draft Comments and Responses to EPA Questions Regarding Proposed Human Intrusion Standard ("HIS")
Authors	Fomous, John/ DOE/
Recipients	Goffi, Richard / bah.com York, Jim / OCRWM
Old Recipients	Goffi, Richard / bah.com York, Jim
Author Recipient Relationship	The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.
Deliberation Explanation	The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Proposed Human Intrusion Standard ("HIS")
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	EMAIL-ATT LIST REPORT
Participant Accession No.	ALM.20040612.1364
LSN Accession Number	DN2002479026
Old LSN Accession Number	DN2002301877
Doc Date	19991117
Title	Tab D - Misc - 11 16 99
Subject Matter Description	DOE Draft Comments and Responses to EPA Questions Regarding Miscellaneous Issues Concerning The Proposed Yucca Mountain Standards
Authors	Fomous, John/ DOE/
Recipients	Goffi, Richard / Booz Allen Hamilton / York, Jim / BSC Repository Development - Planning & Program Integration / Regulatory Coordination Team Member
Author Recipient Relationship	The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.
Deliberation Explanation	The document contains recommendations and opinions on comments and positions respecting EPA Questions Regarding Miscellaneous Issues Concerning the Proposed YM Standards
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document has no separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information. Comparison of this document with the final version of DOE's comments would reveal positions, information and other matters DOE considered and rejected as part of its deliberations.
Doc Type	EMAIL-ATT LIST REPORT
Participant Accession No.	ALM.20040612.1365
LSN Accession Number	DN2002337182
Doc Date	19991117
Title	Tab E - BID - 11 16 99
Subject Matter Description	DOE Draft Comments on the Background Information Document for 40 CFR 197
Authors	Fomous, John/ DOE/
Recipients	Goffi, Richard / Booz Allen Hamilton /



	<b>York, Jim / OCRWM</b>
Old Recipients	<b>Goffi, Richard / Booz Allen Hamilton /</b> <b>York, Jim / BSC Repository Development - Planning &amp; Program Integration / Regulatory Coordination Team Member</b>
Author Recipient Relationship	<b>The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft comment and responses.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document proposes comments and positions to be adopted by DOE respecting proposed EPA standards affecting YMP.</b>
Deliberation Explanation	<b>The document contains recommendations and opinions on comments and positions respecting EPA Background Information Document for 40 CFR 197</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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</b> <b>LIST</b> <b>REPORT</b>
Participant Accession No.	<b>ALM.20040612.8185</b>
LSN Accession Number	<b>DN2002330045</b>
Doc Date	<b>20030117</b>
Title	<b>trd_sar_57 MTS cmts</b>
Subject Matter Description	<b>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.</b>
Authors	<b>MTS</b>
Recipients	<b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy /</b> <b>Other DOE employees and contractors responsible for the subject draft LA section</b>
Old Recipients	<b>Kane, Daniel W. / DOE - OCRWM Office of License Application &amp; Strategy / Email: Dan_Kane@ymp.gov; telephone: 702-794-5511 Postclosure and License Acquisition Division Nuclear Engineer</b> <b>Other DOE employees and contractors responsible for the subject draft LA section</b>
Author Recipient Relationship	<b>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 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</b> <b>LIST</b> <b>REPORT</b>
Other Privilege Types	<b>LWP-other (FACT);</b> <b>LWP-other (OPINION)</b>
Participant Accession No.	<b>ALO.20040612.5206</b>
LSN Accession Number	<b>DN2002337925</b>
Doc Date	<b>20000410</b>
Title	<b>Re: What to say in response to peak dose comments</b>
Subject Matter Description	<b>The subject matter of the email is two proposed approaches in decision papers regarding the time period to be addressed in the SAR, the LA, and the EIS in terms of the compliance dose calculation.</b>
Authors	<b>Tynan, Mark C. / DOE - OCRWM Office of License Application &amp; Strategy / Postclosure and License Acquisition Physical Scientist</b> <b>Van Luik, Abraham E. / DOE - OCRWM Office of License Application &amp; Strategy/</b>
Recipients	<b>Andrews, Robert W. /</b> <b>Dixon, Paul R. /</b> <b>Eslinger, Paul</b> <b>Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/</b> <b>Lester, David / SNL/Jason /</b> <b>Mellington, Suzanne P./ DOE - OCRWM Office of Business Support and Resource Management/</b> <b>Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/</b> <b>Royer, Dennis / DOE/RW West /</b> <b>Skipper, Kenneth/ USGS /</b> <b>Smistad, Eric / DOE / OCRWM Official</b>



	Spence, Dick / DOE/RW / Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Wikjord, Alf/ DOE/ Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.
Old Recipients	Andrews, Robert W./ BSC Repository Development/ Dixon, Paul R./ BSC Repository Development - Performance Assessment/ Eslinger, Paul Horton, Donald G./ DOE - OCRWM Yucca Mountain Site Characterization Office/ Lester, David / SNL/Jason / Mellington, Suzanne P./ DOE - OCRWM Office of Business Support and Resource Management/ Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/ Royer, Dennis / DOE/RW West / Skipper, Kenneth/ BSC Repository Development - U.S. Geological Survey Yucca Mtn Project Branch/ Smistad, Eric/ DOE - OCRWM Office of License Application & Strategy/ Spence, Dick / DOE/RW / Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/ Wikjord, Alf/ DOE/ Williams, Dennis / DOE - OCRWM / Senior Policy Advisor; Deputy Assistant Manager for Licensing.
Author Recipient Relationship	The authors are two DOE OCRWM officials. The recipients are other DOE OCRWM officials and DOE M&O contractor personnel with responsibility for assisting DOE prepared responses on the proposed peak dose regulations.
Old Author Recipient Relationship	The authors are two DOE OCRWM officials. The recipients are other DOE OCRWM officials and DOE MTO contractor personnel with responsibility for assisting DOE prepared responses on the proposed peak dose regulations.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The proposed decision relates to the time period to be used in the SAR, the LA, and EIS for calculating the compliance dose.
Deliberation Explanation	The email focuses on and advocates the merits of one of two particular proposed alternatives and the rationale supporting it.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The email discussion contains no segregable factual discussion or background. Its contents reflect advocacy and judgment regarding the proposed approaches and handling of work while awaiting a decision.
Doc Type	EMAIL
Other Privilege Types	LWP-other (OPINION)
Participant Accession No.	ALO.20040617.1468
LSN Accession Number	DN2002469271
Doc Date	20001213
Title	Thoughts and documents on Op. Mode decision process
Subject Matter Description	The document concerns a draft position paper on the selection of a process for DOE to decide between a "hot" or "cold" repository design.
Authors	Jenni, Karen
Recipients	Boyle, William J/ DOE - OCRWM Office of Repository Development/ Coppersmith, Kevin/ Cotton, Thomas/ TRW / M&O Contractor Falls, Kevin Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/
Old Recipients	Boyle, William J/ DOE - OCRWM Office of Repository Development/ Coppersmith, Kevin/ Cotton, Thomas/ BSC Repository Development - Program Integration/ Falls, Kevin Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/
Author Recipient Relationship	The author is a YMP contractor personnel. The recipients are DOE and YMP contractor personnel who have responsibility for assisting DOE develop a position on the referenced subject matter.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The document concerns what process DOE should adopt to make a decision between a "hot" or "cold" repository design.
Deliberation Explanation	The document provides the author's subjective views and opinions on the referenced draft position paper, and makes recommendations for changes to the draft.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document does not contain any separate fact or background section. The document relates the author's opinions, and any facts interwoven in the discussion of those opinions would reveal the author's opinions.
Doc Type	EMAIL
Participant Accession No.	ALR.20040612.2223
LSN Accession Number	DN2002479131



Old LSN Accession Number	<b>DN2002312694</b>
Doc Date	<b>20001004</b>
Title	<b>issue paper comments 10-4</b>
Subject Matter Description	<b>NSNFP COMMENTS on draft DOE SNF Licensing and Certification White Paper</b>
Authors	<b>Slater, Nancy / DOE /</b>
Recipients	<b>Gomberg, Steve / DOE - OCRWM Office of Waste Management /</b>
Author Recipient Relationship	<b>The author and the recipient are DOE OCRWM personnel who have responsibility for the draft document that is the subject of the reviewer's recommendations and opinions.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The draft white paper as to which the reviewers provided their opinions and recommendations addressed the position that should be taken by DOE with respect to qualification of SNF data.</b>
Deliberation Explanation	<b>This document sets forth the reviewers' opinions and recommendations on the positions taken in the draft white paper.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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. 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>EMAIL-ATT LIST REPORT</b>
Participant Accession No.	<b>ALR.20040612.2305</b>
LSN Accession Number	<b>DN2002330549</b>
Doc Date	<b>20000714</b>
Title	<b>DOESNF3</b>
Subject Matter Description	<b>The document concerns a draft strategy paper to address the inclusion of U.S. Department of Energy Spent Nuclear Fuel in the YM repository in light of lack of qualified characteristics data.</b>
Authors	<b>Slater, Nancy/DOE OCRWM</b>
Recipients	<b>Bailey, Jack/ TRW / M&amp;O Contractor</b> Broccoum, Steve Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Bruno, Thomas/ / Burgoyne, Robert/ MTS - Transportation/ Carlson, James/ DOE - OCRWM/ Clark, Robert W./ DOE - OCRWM/ <b>Clouet, John / TRW / M&amp;O Contractor</b> Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Pollog, Thomas / RW/DOE / Sweeney, Tim Zabransky, Dave K./ DOE - OCRWM/
Old Recipients	<b>Bailey, Jack/ BSC Repository Development - Integration/</b> Broccoum, Steve Brownstein, Alan B./ DOE - OCRWM Office of Repository Development/ Bruno, Thomas/ / Burgoyne, Robert/ MTS - Transportation/ Carlson, James/ DOE - OCRWM/ Clark, Robert W./ DOE - OCRWM/ <b>Clouet, John / TRW /</b> Einberg, Christian E./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/ Gomberg, Steve / DOE - OCRWM Office of Waste Management / DOE General Engineer Gunter, Timothy/ DOE - OCRWM Office of Repository Development/ Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/ Pollog, Thomas / RW/DOE / Sweeney, Tim Zabransky, Dave K./ DOE - OCRWM/
Author Recipient Relationship	<b>Authors and recipients are DOE employees and contractors responsible for the subject draft strategy paper.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The immediate decision is to provide views on the draft strategy paper to effectuate changes to the proposed strategy, which ultimately concerns a proposed decision by DOE as to what strategy to adopt relative to licensing the repository</b>



	to accept DOE spent nuclear fuel.
Deliberation Explanation	The draft document presents the issues, describes how the proposed strategy will solve the problem, and identifies the decisionmaking process relative to implementing that strategy.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because it contains no factual section. Rather, it contains the authors' evaluative comments of a draft document prepared to advance the decisionmaking process.
Doc Type	EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

  

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

  

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



## REPORT

Participant Accession No.	ALU.20040617.8433
LSN Accession Number	DN2002479243
Old LSN Accession Number	DN2002325520
Doc Date	19990512
Title	PRIORI61
Subject Matter Description	Proposed model for and initial start on anticipated reprioritization of work from that in Vol. 4 of the Viability Assessment
Authors	Van Luik, Abraham E./ DOE - OCRWM Office of License Application & Strategy/
Recipients	<p>Andrews, Robert W./ /</p> <p>Benton, Hugh/ DOE - OCRWM Office of Waste Management/</p> <p>Bovardsson, Bo / LLNL /</p> <p>Boyle, William J/ DOE - OCRWM Office of Repository Development/</p> <p>Cline, Mike L./ TRW / M&amp;O Contractor</p> <p>Craw, Richard</p> <p>Cushey, Mark / DOE - CRWMS /</p> <p>Dobson, David/ /</p> <p>Eddebbbarh, Al / SNL /</p> <p>Fish, Robert/ MTS - Engineering/</p> <p>George, Stephen / TRW / M&amp;O Contractor</p> <p>Gil, April V./ DOE - OCRWM Office of Repository Development/</p> <p>Greenberg, Harris/ MTS - Engineering &amp; Preclosure Safety Analysis/</p> <p>Hanauer, Stephen H./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Hanlon, Carol/ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/</p> <p>Hayes, Larry / USGS &amp; TRW / M&amp;O Contractor</p> <p>Hayes, Larry / USGS &amp; TRW / M&amp;O Contractor</p> <p>Henning, Roger J./ /</p> <p>Hoxie, Dwight/ /</p> <p>King, Jerry L./ /</p> <p>Lum, Clinton C./ /</p> <p>Mukhopadhyay, Bimal / SNL /</p> <p>Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/</p> <p>Nutt, Mark/ Golder Associates/</p> <p>Oberlander, Phil</p> <p>Patterson, Russ / DOE/RW /</p> <p>Peters, Mark/ /</p> <p>Richardson, Dennis C./ /</p> <p>Rickertsen, Larry D./ /</p> <p>Rogers, Ralph D./ TRW / M&amp;O Contractor</p> <p>Scott, Michael L./ TRW / M&amp;O Contractor</p> <p>Simmons, Ardyth / Los Alamos National Laboratory (LANL) Analyst/Modeler, Scientific</p> <p>Sullivan, Mary Anne/ DOE - Office of General Counsel (OGC)/ Attorney</p> <p>Tsang, Yvonne / DOE - CRWMS /</p> <p>Tynan, Mark C./ DOE - OCRWM Office of License Application &amp; Strategy/</p> <p>Voegele, Michael D./ /</p> <p>Wang, Joe / Lawrence Berkeley National Laboratory (LBNL) Preclosure Design Integration Team Member</p> <p>Weber, Ellyn / Innovations /</p> <p>Wemheuer, Robert / TRW / M&amp;O Contractor</p> <p>Wilder, L</p> <p>Wilkjard, Alf / TRW/AECL / M&amp;O Contractor</p> <p>Zwahlen, Eric / TRW / M&amp;O Contractor</p>
Old Recipients	<p>Andrews, Robert W./ BSC Repository Development - Conversion/</p> <p>Benton, Hugh/ DOE - OCRWM Office of Waste Management/</p> <p>Bovardsson, Bo / LLNL /</p> <p>Boyle, William J/ DOE - OCRWM Office of Repository Development/</p> <p>Cline, Mike L./ BSC /</p> <p>Craw, Richard</p> <p>Cushey, Mark / DOE - CRWMS /</p> <p>Dobson, David/ BSC Repository Development - License Application/</p>



Eddebbbarh, Al / SNL /  
Fish, Robert/ MTS - Engineering/  
George, Stephen / BSC /  
Gil, April V./ DOE - OCRWM Office of Repository Development/  
Greenberg, Harris/ MTS - Engineering & Preclosure Safety Analysis/  
Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/  
Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/  
Harrington, Paul G./ DOE - OCRWM Office of the Chief Engineer/  
Hayes, Larry / USGS & TRW /  
Hayes, Larry / USGS & TRW /  
Henning, Roger J./ BSC Repository Development - AMR Completion/  
Hoxie, Dwight/ BSC Repository Development/  
King, Jerry L./ BSC Repository Development - Conversion/  
Lum, Clinton C./ BSC Repository Development - Engineered System/  
Mukhopadhyay, Bimal / SNL /  
Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/  
Nutt, Mark/ Golder Associates/  
Oberlander, Phil  
Patterson, Russ / DOE/RW /  
Peters, Mark/ BSC Repository Development - Engineered System/  
Richardson, Dennis C./ BSC Repository Development - Conversion/  
Rickertsen, Larry D./ BSC Repository Development - Conversion/  
Rogers, Ralph D./ BSC Repository Development - Nuclear Facilities Engineering/  
Scott, Michael L./ BSC Repository Development - Management & Operations/  
Simmons, Ardyth / BSC Repository Development - Integration / Los Alamos National Laboratory (LANL)  
Analyst/Modeler, Scientific  
Sullivan, Mary Anne/ DOE - Office of General Counsel (OGC)/  
Tsang, Yvonne / DOE - CRWMS /  
Tynan, Mark C./ DOE - OCRWM Office of License Application & Strategy/  
Voegele, Michael D./ BSC Repository Development - Chief Science Officer/  
Wang, Joe / BSC Repository Development / Lawrence Berkeley National Laboratory (LBNL) Preclosure Design  
Integration Team Member  
Weber, Ellyn / Innovations /  
Wemheuer, Robert / TRW /  
Wilder, L  
Wilkjard, Alf / TRW/AECL /  
Zwahlen, Eric/ BSC Repository Development - Total System Performance Assessment/

Author Recipient Relationship	The author and recipients are all Yucca Mountain Project personnel with responsibility for work product that must be prioritized for purposes of preparation of the site recommendation and the License Application.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The anticipated decision relates to the prioritization of work for the Site Recommendation and the License Application.
Deliberation Explanation	The document discusses and evaluates factors affecting the prioritization of work for the SR and LA.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	The document contains no factual information section, such that any factual information is interwoven with the discussion and evaluation of the proposed work reprioritization.
Doc Type	DATA EMAIL-ATT LIST REPORT
Other Privilege Types	LWP-other (OPINION)
Participant Accession No.	ALZ.20040617.2818
LSN Accession Number	DN2002330666
Doc Date	20030602
Title	Re: First Cut - Licensing Position
Subject Matter Description	The subject matter is comments on a draft licensing position paper addressing the parameters for considering seismic initiating events under applicable regulations.
Authors	King, Jerry L. / BSC Repository Development - Site Recommendation / BSC Project Manager
Recipients	Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist Coppersmith, K. / / Coppersmith Consulting, probabilistic seismic hazard analysis Lindner, Ernest N. / BSC Repository Development - Systems Engineering & Integration / BSC Senior Engineering Specialist



Orvis, Douglas D. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist  
 Pendleton, Martha W. / BSC Repository Development - Geologists / BSC Principal Engineer I  
 Pernisi, Richard / BSC /  
 Quittmeyer, Richard C. / BSC Repository Development - Subcontractor Department / Integrated Science Solutions, Inc. (ISSI) Principal Scientist  
 Richardson, Dennis C. / BSC Repository Development - Project Engineers / BSC Project Engineer  
 Savino, John / MTS/BAH /  
 Wisenburg, Mark R. / BSC Repository Development - Nuclear Facilities Engineering / BSC Senior Engineering Specialist

Author Recipient Relationship	The author and recipients are DOE and DOE M&O contractor personnel who work on the YMP and have responsibility for preparation of the subject document.
Old Author Recipient Relationship	The author and recipients are DOE and DOE MTO contractor personnel who work on the YMP and have responsibility for preparation of the subject document.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The expected decision relates to selection of initiating events for the preclosure safety analysis.
Deliberation Explanation	The document evaluates the regulatory language governing consideration of initiating events for the preclosure safety analysis as well as the probability of seismic initiating events and the impact of both on repository design.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	There is no factual section to this email. Rather, the author's analysis and evaluation are interwoven through the email discussion.
Doc Type	EMAIL
Other Privilege Types	LWP-other (OPINION)

Participant Accession No.	DOC.20031006.0002
LSN Accession Number	DN2002468864
Doc Date	20030829
Title	ANALYSIS OF ALTERNATIVE WASTE FORMS: PHASE 2 REPORT, PRE-DECISIONAL STUDY, TDR-CRW-MD-000004, REVISION 00 (C)
Subject Matter Description	ANALYSIS OF ALTERNATIVE WASTE FORMS: PHASE 2 REPORT, PRE-DECISIONAL STUDY, TDR-CRW-MD-000004, REVISION 00 (C). This is a systems study of waste forms for possible disposal at YM.
Authors	Duguid, James O. / BSC Repository Development - Subcontractor Department / (JKRA) Principal LOLCAMA, J / N/A / Loo, Henry H. / BSC Repository Development - Total System Performance Assessment /Idaho National Engineering MORISSETTE, R / N/A / Ruffin, Steve R. / BSC Repository Development /Program Integration Safeguards Schmid, Stephen / BSC Repository Development - Transportation / SENER, R / N/A / Siefken, David L. / BSC Repository Development - Subcontractor Department / PMC Technologies, Inc. VP, Program Director STARMER, J / N/A / TAYLOR, L / N/A / Williams, Nancy H. / BSC Repository Development - Licensing & Engineering /Manager of Projects

Recipients	DOE ORD
Old Recipients	Doe ORD
Author Recipient Relationship	The authors and recipients are personnel working at the YMP with responsibility for evaluating waste forms for potential disposal at YM.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The DP decision information includes an analysis of different waste forms for possible disposal at YM.
Deliberation Explanation	The deliberation focuses on the different forms of waste that may be included for disposal at YM and the impact that has regarding the final design of the project.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	REPORT

Participant Accession No.	MOL.19991117.0121
LSN Accession Number	DN2002334374
Doc Date	19990602
Title	PROJECT OPERATIONS REVIEW BOARD (PORB) MINUTES, ACTIONS AND ATTACHMENTS ON JUNE 2, 1999 (C)
Subject Matter Description	This packet contains records regarding issues for PORB consideration, including the criteria for determining the level of design needed to support construction authorization and related supporting documentation and necessary work force levels.
Authors	Brocoum, Stephan J / DOE - OCRWM Office of Licensing & Regulatory Compliance / DOE Acting Director Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering / Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office /



	<b>Richardson, Dennis C. / TRW / M&amp;O Contractor</b>
	<b>Royer, Dennis / DOE/RW West /</b>
	<b>Spence, Dick / DOE/RW /</b>
Old Authors	<b>Brocoum, Stephan J / DOE - OCRWM Office of Licensing &amp; Regulatory Compliance / DOE Acting Director</b> <b>Craun, Richard L. / DOE - OCRWM Office of Project Management and Engineering /</b> <b>Horton, Donald G. / DOE - OCRWM Yucca Mountain Site Characterization Office /</b>
	<b>Richardson, Dennis C. / BSC Repository Development /</b>
	<b>Royer, Dennis / DOE/RW West /</b>
	<b>Spence, Dick / DOE/RW /</b>
Recipients	<b>PORB members</b>
Author Recipient Relationship	<b>These are personnel on the YMP with knowledge or responsibility for assessing the level of design necessary to support construction authorization and related documentation and necessary field staffing levels.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>This package or records provides data to assess the evaluative criteria for level of design needed for construction authorization and related documentation and necessary field staffing.</b>
Deliberation Explanation	<b>This package is part of the decision-making process for determining the level of design needed for construction authorization and related documentation and necessary field staffing.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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>ADMINISTRATION</b>
Participant Accession No.	<b>MOL.20000830.0204</b>
LSN Accession Number	<b>DN2002335875</b>
Doc Date	<b>20000801</b>
Title	<b>TABLE OF CONTENTS FOR PROJECT OPERATIONS REVIEW BOARD (PORB) MEETING MINUTES AND ACTIONS, MEETING AGENDA, AND ATTACHMENTS DATED JULY 12, 2000 (C)</b>
Subject Matter Description	<b>The records package contains position papers on various topics on which decisions must ultimately be made regarding the project, including the use of conservative assumptions and bounding analysis in the TSPA, timeframes for use in the TSPA, and groundwater requirements.</b>
Authors	<b>Brocoum, Stephan J / DOE - OCRWM Office of Licensing &amp; Regulatory Compliance /</b> <b>Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead</b> <b>Nesbitt, C. Jack III / M&amp;O Contractor Program Planning and Control / Manager</b> <b>Royer, Dennis / DOE/RW West /</b>
Old Authors	<b>Brocoum, Stephan J / DOE - OCRWM Office of Licensing &amp; Regulatory Compliance / DOE Director</b> <b>Mellington, Suzanne P. / DOE - OCRWM Office of Project Execution / Lead</b> <b>Nesbitt, C. Jack III / M&amp;O Contractor Program Planning and Control / Manager</b> <b>Royer, Dennis / DOE/RW West /</b>
Recipients	<b>Kozai, Wayne / DOE - Office of Project Control - Site Characterization Office/</b>
Author Recipient Relationship	<b>The authors and recipient are YMP personnel involved in the decision-making for topics covered in this records package or for the PORB scope related to these topics.</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The DP decision information includes the analysis of data supporting the stated recommendations for conservative assumptions and bounding analysis in the TSPA, timeframes in the TSPA, groundwater requirements.</b>
Deliberation Explanation	<b>The deliberations relates to a consideration of the recommended positions on conservative assumptions and bounding analysis used in the TSPA, timeframes used in the TSPA, and groundwater requirements.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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</b> <b>PACKAGE</b>
Participant Accession No.	<b>MOL.20020131.0298</b>
LSN Accession Number	<b>DN2002479231</b>
Old LSN Accession Number	
Doc Date	<b>20011003</b>
Title	<b>FINAL ENVIRONMENTAL IMPACT STATEMENT FOR A GEOLOGIC REPOSITORY FOR THE DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH LEVEL RADIOACTIVE WASTE AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA, CORE TEAM COMMENTS, OCTOBER 3, 2001 THROUGH OCTOBER 17, 2001 (C)</b>
Subject Matter Description	<b>The document provides the departmental views of the Naval Nuclear Propulsion Program on the preliminary draft FEIS.</b>
Authors	<b>The document is the consolidated comments of the Naval Nuclear Propulsion Program</b>
Recipients	<b>The document was provided to personnel on the DOE core team who had responsibility for responding to the NNPP comments.</b>



Old Recipients	<b>The document was provided to personnel on the DOE corps team who had responsibility for responding to the NNPP comments.</b>
Author Recipient Relationship	<b>The authors of this document are NNPP personnel, and was provided to DOE personnel who had responsibility for the FEIS.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document concerns the form and content of the draft FEIS.</b>
Deliberation Explanation	<b>The document is deliberative because it provides the departmental opinions and recommendations of the NNPP to DOE, via an inter-agency communication, on what to state in the FEIS and how to state it.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 is a series of comments on specific lines in the draft FEIS. There is no separate factual discussion, and the disclosure of any sentence would identify an opinion of the NNPP on the draft. Also attached is a copy of the preliminary draft FEIS with marginalia. That portion of the document is excludable from the LSN per the Subpart J regulations.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>Privacy</b>

Participant Accession No.	<b>MOL.20020429.0312</b>
LSN Accession Number	<b>DN2002332115</b>
Doc Date	<b>20020408</b>
Title	<b>DESIGN EVOLUTION STUDY: THERMAL OPERATING METHODOLOGY, TDR-MGR-TH-000001, REVISION 00, APPROVED (C)</b>
Subject Matter Description	<b>The subject matter is a study of the ability of the repository to operate over a varying range of thermal modes and temperatures.</b>
Authors	<b>ANDERSON MJ / N/A / ANDREWS RW / N/A / MARR H / N/A / MITCHELL TL / N/A / TRAUTNER LJ / N/A /</b>
Recipients	<b>YMP Project Personnel with responsibility over the development of this subject matter area</b>
Author Recipient Relationship	<b>The authors are OCRWM's M&amp;O contractors and the recipients are YMP project personnel who have responsibility over this subject matter.</b>
Old Author Recipient Relationship	
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The proposed decision is the selection of a thermal operating methodology to allow management of repository temperature.</b>
Deliberation Explanation	<b>The study sets forth its assumptions and the potential parameters of various operating methodologies. It discussing the alternatives and makes a 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>Although there are assumptions set forth in the study, these are not set forth as factual information and the study did not undertake a factual verification or recitation. The document's focus is on the parameters of various alternatives.</b>
Doc Type	<b>DESIGN DOCUMENT</b>

Participant Accession No.	<b>MOL.20020429.0316</b>
LSN Accession Number	<b>DN2002334171</b>
Doc Date	<b>20020405</b>
Title	<b>DESIGN EVOLUTION STUDY - AGING OPTIONS, PREDECISIONAL STUDY, TDR-MGR-MD-000011, REVISION 00, APPROVED (C)</b>
Subject Matter Description	<b>The subject of the study is potential aging location and container options for aging commercial spent nuclear fuel received for disposal at the Yucca Mountain repository.</b>
Authors	<b>Andrews, Robert W. / BSC Repository Development - Performance Assessment / Performance Assurance Manager Boutin, Robert J. / BSC Repository Development - Engineering Manager / BSC Project Manager Carver, Ken / BSC, LLC- Estimating Department/ Chagon, Cal W. CLOUD JD Hong, D. / Estimator Iyer, M.S. / Johnson, E. R. / McDaniel Jr., Preston W. / BSC Repository Development - Project Engineers / BSC Project Engineer Schwartztrauber, Keith E. / BSC Repository Development - Engineering Production / BSC Project Engineer Steiger, John / BSC, LLC-Estimating Dept / Trautner, Larry J. / BSC Repository Development - Conversion / Repository Design Manager</b>
Old Authors	<b>Andrews, Robert W. / BSC Repository Development - Performance Assessment / Performance Assurance Manager Boutin, Robert J. / BSC Repository Development - Engineering Manager / BSC Project Manager Carver, Ken / BSC, LLC- Estimating Department/ Chagon, Cal W.</b>



## CLOUD JD

Faglioni, Kelly L. / Hunton &amp; Williams, LLP/

Hong, D. / Estimator

Iyer, M.S. /

Johnson, E. R. /

McDaniel Jr., Preston W. / BSC Repository Development - Project Engineers / BSC Project Engineer

Schwartztrauber, Keith E. / BSC Repository Development - Engineering Production / BSC Project Engineer

Steiger, John / BSC, LLC-Estimating Dept /

Trautner, Larry J. / BSC Repository Development - Conversion / Repository Design Manager

Recipients	<b>DOE OCRWM</b>
Old Recipients	<b>Doe OCRWM</b>
Author Recipient Relationship	<b>This report was prepared by Bechtel SAIC employees for and at the request of DOE/YMP Site Characterization Office. It was authored by BSC employee P. McDaniel; checked by K.E. Schwartztrauber; reviewed by M. S. Iyer, R.J. Boutis, and Cal W. Chagon (for J.D. Cloud); and approved by L.J. Trautner (Repository Design Manager) and R.W. Andrews (Performance Assurance Manager).</b>
Determining Official	<b>Ronald A. Milner / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>The document presents options to be considered in making a decision regarding design of surface and subsurface facilities.</b>
Deliberation Explanation	<b>The author identifies options recommended as well as options considered but not recommended, evaluates the advantages and disadvantages of the recommended options, and evaluates the cost of the presented options.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 study is dominantly evaluative and not a factual recitation. Even the background section identifies options considered in summary form rather than containing any kind of factual background. Any facts set forth are set forth as "assumptions," necessarily reflecting not a factual finding but an evaluation and analysis of a likely set of facts on which the analysis is based. The major sections of the document include a description of the evaluation method, a comparative analysis discussion section, a cost evaluation, and a summary of recommendations.</b>
Doc Type	<b>DESIGN DOCUMENT</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</b> <b>Cereghino, Stephen J. / BSC Repository Development - Licensing / BSC Senior Project Manager</b> <b>Hammermeister, Heather L. / BSC Repository Development - Document Development &amp; Production / BSC Technical Writer/Editor II</b> <b>Junio, Stacy S. / BSC Repository Development - Radiation Programs / BSC Program Health Physicist</b> <b>Kumar, Paul A. / BSC Repository Development - Engineering Production / BSC Senior Engineering Specialist</b> <b>Slovic, Robert C. / BSC Repository Development - Engineering Production / BSC Project Engineer</b> <b>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>
Old 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>
Old Author Recipient Relationship	<b>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 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>
Old Deliberation Explanation	<b>The author's 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.20050524.0019</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	Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II
Old Authors	Lydic, Margaret J. / BSC Repository Development - Document Development & Production / BSC Technical Writer/Editor II
	N/A
Recipients	DOE employees and contractors responsible for the subject draft SAR section /
Author Recipient Relationship	The author is with DOE's M&O contractor for the Yucca Mountain Project. The recipients are DOE employees and contractors who have responsibility for the draft SAR section.
Old Author Recipient Relationship	The author is with DOE's M&O contractor for the Yucca Mountain Project.
Determining Official	Ronald A. Milner / OCRWM / Chief Operating Officer
DP Decision Information	The document provides comments and recommendations on draft LA chapter 1.2.7 proposing changes to that section to assist DOE in preparation of filing its license application.
Deliberation Explanation	The document reflects information that DOE relies upon in deciding the final contents of the license application.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.
Doc Type	REVIEW
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	MOL.20050524.0024
LSN Accession 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
Old Authors	Doe employees and contractors responsible for the subject draft SAR section
Recipients	DOE employees and contractors responsible for the subject draft SAR section
Old 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.20050524.0034
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
Old Authors	Doe employees and contractors responsible for the subject draft SAR section
Recipients	DOE employees and contractors responsible for the subject draft SAR section
Old 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	REVIEW
Other Privilege Types	ACP-attorney to client;



ACP-client to attorney;  
ACP-discusses attorneys advice

Participant Accession No.	MOL.20050524.0036
LSN Accession Number	DN2002335729
Doc Date	20050523
Title	REVIEW COMMENTS FOR LA SECTION: SAR-01.03.08, SUBSURFACE VENTILATION (C)
Subject Matter Description	This document concerns the subsurface ventilation system that would support the operation of the subsurface repository.
Authors	DOE employees and contractors responsible for the subject draft LA section
Old Authors	Doe employees and contractors responsible for the subject draft LA section
Recipients	DOE employees and contractors responsible for the subject draft LA section
Old 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.20050524.0049
LSN Accession Number	DN2002332035
Doc Date	20050523
Title	REVIEW COMMENTS FOR LA SECTION: SAR-01.05.02, GENERAL DESCRIPTION OF WASTE PACKAGES AND THEIR COMPONENTS (C)
Subject Matter Description	The subject matter is a draft SAR section: SAR-01.05.02 (General Description of Waste Package and Its Components), and contains comments provided by project personnel responsible for developing this portion of the license application.
Authors	Project personnel who have responsibility over the subject matter of this draft SAR
Old Authors	N/A / N/A / Project personnel knowledgeable in the subject matter of this draft SAR
Recipients	Project personnel who have responsibility over the subject matter of this draft SAR
Old Recipients	Project personnel knowledgeable in the subject matter of this draft SAR
Author Recipient Relationship	The authors are project personnel knowledgeable in the subject matter of this draft SAR section and are providing comments for consideration to other project personnel responsible for developing this portion of the license application.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	This document is a part of DOE's decision-making process in determining the positions it will take on SAR section 1.5.2 as well as the information that should be included in this section. The DOE has yet to decide the ultimate positions it will take in this SAR section and what information should be included in this section.
Deliberation Explanation	The document reflects the analysis and recommendations, provided by project personnel responsible for developing the draft SAR section 1.5.2, regarding the licensing positions that DOE should take in this section of the SAR as well as the content and form of this draft section of the license application.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	Comparison of this draft with the final version of the SAR would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.
Doc Type	REVIEW
Other Privilege Types	LWP-other (FACT); LWP-other (OPINION)

Participant Accession No.	MOL.20050524.0092
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
Old Authors	N/A / N/A / Project personnel
Recipients	DOE employees and contractors responsible for the draft SAR section



Old Recipients	<b>Project personnel working on the license application</b>
Author Recipient Relationship	<b>The comments are prepared by project personnel knowledgeable regarding this section of the draft LA to project personnel responsible for preparing the LA.</b>
Determining Official	<b>Alan B. Brownstein / OCRWM / Chief Operating Officer</b>
DP Decision Information	<b>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.</b>
Deliberation Explanation	<b>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.</b>
Circulated Draft Affirmation	<b>This document has been reviewed and 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 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.</b>
Doc Type	<b>REVIEW</b>
Other Privilege Types	<b>LWP-other (FACT); LWP-other (OPINION)</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>
Old 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.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>
Old Authors	<b>Arthur, John, III / DOE - OCRWM Office of Repository Development / DOE Deputy Director Hellstrom, George/ DOE - Office of General Counsel (OGC)/ 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 /</b>



	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director KING, A.E. / / <b>Powers, K.W. (Ken)/ DOE/OCRWM/</b> Van Der Puy, M.E. / DOE/OCRWM /
Old Recipients	ARTHUR WJ / DOE/ORD RW-60 LAS VEGAS NV / COOPER, E.R. / / FEIGENBAUM, T.C. / Bechtel SAIC Company, LLC / President & General Manager <b>GOLAN, P.M. / /</b> Hamilton-Ray, B.V. / DOE/OCRWM / Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director KING, A.E. / / <b>POWERS, K.W. / /</b> Van Der Puy, M.E. / DOE/OCRWM /
Author Recipient Relationship	The authors and recipients are Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of the reviewers' recommendations and advice. Some comments are authored by attorneys with DOE OGC with responsibility for YMP.
Determining Official	Alan B. Brownstein / OCRWM / Chief Operating Officer
DP Decision Information	The draft documents as to which these comments are made provide recommendations on the design that DOE should use for the repository and the priority and approach that should be taken as to identified hazards and risks.
Deliberation Explanation	These documents provides the reviewers' recommendations and opinions on the positions that should be taken in the draft documents.
Circulated Draft Affirmation	This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001
Non Redactable Statement	Comments by attorneys are separate from other comments and comments on predecisional drafts are separate from comments on non-privileged documents and can be redacted.
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Other Privilege Types	ACP-attorney to client
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	The document concerns a strategy to address issues concerning burn-up credit, including transportation and NNPP related issues.
Authors	Williams, Mark H./Director, Regulatory Authority Office/OCRWM
Recipients	<b>Alsaed, A.A. / BSC /M&amp;O Contractor</b> Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead 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 <b>Howard, C.L. / Sandia National Laboratory / OCRWM Contractor</b> 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
Old Recipients	<b>Alsaed, A.A./BSC/</b> Beckman, Donald / BSC Repository Development - Licensing & Nuclear Safety / Beckman & Associates (B&A) or (BAA) Program Manager Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead 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  
 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.
Old Non Redactable Statement	
Doc Type	CORRESPONDENCE

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