DOE Primary Privilege Log

Date: 02-JAN-08

Addendum: Withdrawals, Corrections to DPP Privilege Log

Change Type **Supplements**

Participant Accession No.	**NONE**

Change Type **Withdrawals**

Participant Accession No.	**ALA.20051003.2939**
LSN Accession Number	**DN2002335570**
Doc Date	**20050727**
Title	**Re: Attorney-Client Priviliged - - Predecisional Draft - - Possible addition to Tables in SAR 2.1**
Subject Matter Description	**This document contains an email discussion about draft SAR sections 2.1 and 4, with an emphasis on igneous events.**
Authors	**Barr, Deborah L. / DOE - OCRWM Postclosure and License Acquisition / Division Team Member**
Recipients	**Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis** **Andrews, Robert W. / BSC Repository Development - Licensing Defense / BSC Senior Project Manager** **Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates Senior Engineering Specialist** **Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Coleman, Drew H. / DOE - OCRWM Office of Facility Operations / Site Operations Team Physical Scientist** **DiNunzio, Nick P. / DOE - Office of General Counsel (OGC) / DOE Attorney** **Gamble, Robert / MTS / Booz-Allen Support Contract** **Howard, Robert L. / BSC Repository Development - Licensing Defense / BSC Project Manager** **Russell, Paige R. Z. / DOE - OCRWM Office of Repository Development / Postclosure and License Acquisition Division Team Member** **Smistad, Eric / DOE / OCRWM Official** **Summerson, Jane R. / DOE - OCRWM Office of Acquisition Strategy / Postclosure and License Acquisition Division Team Member** **Tynan, Mark C. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Physical Scientist** **Weaver, Douglas / SNL /** **Younker, 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.**
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.20051006.4756**
LSN Accession Number	**DN2002479062**
Doc Date	**20050715**
Title	**Jon-ChuckRevised Table 2.3.11-9**
Subject Matter Description	**The document concerns the discussion in the draft LA of Soil Redistribution Factors for the TSPA-LA Model.**
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 perosnnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.** **Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE¿s deliberations to be reconstructed.**
Doc Type	**DATA** **EMAIL-ATT**

Participant Accession No.	**ALA.20051006.4757**

LSN Accession Number	**DN2002479234**
Doc Date	**20050713**
Title	**Mike New 2.3.11.6.3.1 Data Uncert No WPs hit eruption**
Subject Matter Description	**The document concerns the discussion in the draft LA of the Number of Waste Packages intersected by erupted conduits**
Recipients	**Cline, Mike L. / BSC Repository Development - Igneous Activity / Los Alamos National Laboratory (LANL) Scientist** **Crump, Terry/ BSC Repository Development/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractor personnel responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.** **Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE¿s deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**

Participant Accession No.	**ALA.20051018.4774**
LSN Accession Number	**DN2002330555**
Doc Date	**20050827**
Title	**FW: SAR Section 2.3.4 action item - PRIVILEGED (From: Richard Quittmeyer)**
Subject Matter Description	**This document concerns Section 2.3.4 of the draft License Application.**
Authors	**Reynolds, Myles / Hunton & Williams, LLP / Attorney**
Recipients	**Ake, Jon / DOE / U.S. Bureau of Reclamation Geophysist: Supporting Probablistic Seismic Hazard Analysis** **Hammermeister, Heather L. / BSC Repository Development - Project Operations / BSC Technical Writer/Editor II** **Quittmeyer, Richard C. / BSC Repository Development - Seismic Studies / Integrated Science Solutions, Inc. (ISSI) Principal Scientist**
Author Recipient Relationship	**The author is an attorney with DOE's outside licensing counsel for the Yucca Mountain Project. The recipients are with DOE's M&O contractor and also include Yucca Mountain Project personnel who have responsibility for the draft document that is the subject of counsel's advice.**
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.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** **Hardin, Ernest / Berldey & Sandia Laboratories / OCRWM Contractor** **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
	Younker, 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 reconstructed.**
Doc Type	**EMAIL-ATT** **LIST** **REPORT**

Participant Accession No.	**ALA.20060111.1738**
LSN Accession Number	**DN2002469690**
Doc Date	**20051103**
Title	**Re: Crane Design - load combinations**
Subject Matter Description	**Email re supporting documentation on SAR sections**
Authors	**Pernisi, Denise A./ BSC Repository Development - Management Administrative Support/** **Ployhar, Steve / DOE- OCRWM /**
Recipients	**Cereghino, Stephen J./ BSC Repository Development - Conversion/** **Pendleton, Martha W./ BSC Repository Development - Conversion/** **Ployhar, Steve/ BSC/** **Rusinko, Barbara / B.E./ BSC / Engineer** **Skoblar, Leonard / BSC Repository Development - Regulatory Coordination Group / Beckman & Associates (B&A) or (BAA) Senior Engineer I**
Author Recipient Relationship	**The authors are DOE M&O contractor personnel. The recipients are counsel for M&O personnel and other YMP personnel with responsibility for the subject matter.**
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.20061030.2042**
LSN Accession Number	**DN2002470066**
Doc Date	**20041206**
Title	**Re: Draft Peak Dose Scope for Climate/Flux - CONFIDENTIAL--PROTECTED BY ATTORNEY-CLIENT PRIVILEGE AND WORK PRODUCT IMMUNITY**
Subject Matter Description	**This email chain addresses the impact of long-term climate change and long-term percolation flux on repository performance out to the time of peak dose.**
Authors	**Andrews, Robert W. / BSC Repository Development / Senior Project Manager** **Williams, Mark / DOE / OCRWM Official**
Recipients	**Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead** **Sweeney, Janine/ DOE - Office of General Counsel (OGC)/ Attorney** **Younker, Jean L. / BSC Repository Development - Chief Science Officer / Manager of Technology I**
Author Recipient Relationship	**The author and recipients, including an attorney, support the YMP and work on developing the license application.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the licensing issue covering the climate/hydrology work in support of peak dose calculations or modeling.**
Deliberation Explanation	**The author of the comments is providing recommendations on how to scope the licensing-related work related to the climate/hydrology work in support of peak does calculations or modeling.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**

Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**EMAIL**
Other Privilege Types	**ACP-client to attorney;** **LWP-at attorneys direction (FACT);** **LWP-at attorneys direction (OPINION);** **LWP-other (FACT);** **LWP-other (OPINION)**

Participant Accession No.	**ALA.20061128.5063**
LSN Accession Number	**DN2002470530**
Doc Date	**20060930**
Title	**Pahrump Action 21 and 25 - Decision Paper - Environment under WP and Drip Shield**
Subject Matter Description	**The document concerns two issues: what is the expected environment in the mountain that the waste package is qualified for, and what is the environment within (under) the drip shield.**
Authors	**Dahl, Pamela / SNL /** **Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor**
Recipients	**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 & 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/DOE OCRWM/director** **Stahl, David / /**
Author Recipient Relationship	**The document was prepared for decision by two OCRWM officials, Ward Sproat and Russell Dyer. The authors and other recipients are OCRWM and OCRWM contractor personnel who work on the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The issue concerns whether DOE should adopt a different thermal management strategy for operation of the YM repository to allow the postclosure performance model to allow for a wider range of emplacement temperatures and different initial environments on the waste package.**
Deliberation Explanation	**The document presents options for consideration and provides information that bears on whether to adopt a different thermal management strategy.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document provides the author's opinions and the bases for the opinions and recommendations. Disclosure of its content would reveal the author's thought process, as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL-ATT**

Participant Accession No.	**ALA.20061128.5207**
LSN Accession Number	**DN2002469593**
Doc Date	**20060929**
Title	**Pahrump Action 23 - DECISION PAPER - surface marring**
Subject Matter Description	**The document concerns the strategy for demonstrating that as-emplaced waste packages are suitable for disposal and consistent with postclosure modeling, and how possible waste package damage will be treated.**
Authors	**Dahl, Pamela / SNL /** **Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor**
Recipients	**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 & 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 / /
Author Recipient Relationship	**The document was prepared for a decision by Ward Sproat, the OCRWM director. The authors and other recipients are various OCRWM and OCRWM contractor personnel who work on the subject matter of the referenced document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document was prepared for decision by the OCRWM director on the strategy DOE should adopt for each handling stage of the waste package to show that the packages are consistent with the postclosure modeling assumptions.**
Deliberation Explanation	**The document provides, with respect to each handling stage of a waste package, a recommended handling strategy and the reasons for the recommendation,**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document does not contain any separate factual discussion. The discussion of each handling stage identifies a proposed recommendation and provides information to support the recommendation. Identification of that information would reveal the authors' opinions regarding that handling stage.**
Doc Type	**EMAIL-ATT**

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	**Crawford, David/DOE**
	Gunter, Timothy/ DOE - OCRWM Office of Repository Development/
	Russell, Paige R. Z./ DOE - OCRWM Office of Repository Development/
	Williams, Jeffrey R./ DOE - OCRWM Office of Acceptance Transportation and Integration/
Recipients	**Borella, Edward / BSC / M&O Contractor**
	Harrington, Paul G./ DOE - OCRWM Office of Project Management and Engineering/
	Hellstrom, George/ DOE - Office of General Counsel (OGC)/attorney
	Kacich, Richard / DOE / OCRWM official
	Kouts, Christopher A./ DOE - OCRWM Office of Systems Analysis & Strategy/Development/
	Lanthrum, Gary/DOE
	Thompson, Jay / DOE / OCRWM Official
	Urie, Matt/ DOE - Office of General Counsel (OGC)/attorney
	Williams, Mark/DOE/Licensing Director
	Zabransky, Dave K./ DOE - OCRWM/
Author Recipient Relationship	**The authors are DOE OCRWM officials. The recipients are DOE OGC attorneys and other OCRWM officials who provided comments on the subject draft position papers.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns the development of positions for the licensing proceeding on the various referenced topics.**
Deliberation Explanation	**The document provides the recipients' opinions and views on the draft position papers and provides proposed resolution of those comments in the draft position papers.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document does not contain any factual discussion. It provides various subjective opinions. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**ACP-attorney to client;**
	ACP-client to attorney;
	ACP-discusses attorneys advice

Participant Accession No.	**ALA.20070504.1158**
LSN Accession Number	**DN2002457910**
Doc Date	**20070208**
Title	**Programmatic CDR REV 01_with_signatures**
Subject Matter Description	**The document concerns the programmatic sections of the draft License Application.**
Authors	**Saldarini, James C. / Bechtel - SAIC / LA Project Manager**
	Weaver, E. M. / Bechtel - SAIC / BSC Group Lead
Recipients	**Bailey, Jack / BSC Repository Development - Licensing Defense / Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
	Bonano, Evaristo J. / Sandia National Laboratory (SNL)

	Boyle, William J / DOE - OCRWM Office of Repository Development / DOE Postclosure & License Acquisition Division Lead
	Bryan, Martin C / BSC Repository Development - License Application / Beckman & Associates (B&A) or (BAA) Program Manager
	Cereghino, Stephen J. / BSC Repository Development - Licensing & Nuclear Safety / BSC Senior Project Manager
	Crawford, David /DOE OCRWM
	Donnell, John / MTS/Shaw Group / OCRWM contractor
	Dunn, Thomas / BSC /
	Dyer, J. Russell / DOE - OCRWM Office of the Chief Scientist / Lead
	Franklin, David / Navy Reactors / NNPP official
	Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director
	Kacich, Richard /DOE OCRWM
	Kane, Daniel W. / DOE - OCRWM Office of License Application & Strategy / Postclosure and License Acquisition Division Nuclear Engineer
	Kouts, Christopher A. / DOE - OCRWM Office of Waste Management / Director
	Linhart, James G. / DOE - OCRWM /
	Rogers, Ralph D. / BSC Repository Development - Total System Performance Assessment / BSC Principal Scientist I
	Shrader, Todd / DOE / OCRWM Official
	Tosetti, Richard / BSC /
	Urie, Matt / DOE - Office of General Counsel (OGC) / Attorney
	Warther, Robert F. / OCRWM / Federal LA Project Director
	Weaver, Marshall / BSC Repository Development - Systems Engineering & Integration / Systems Engineering & Integration Team Member
	Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director
	Williams, Mark H. / DOE OCRWM/licensing director
Author Recipient Relationship	**The authors and recipients are DOE officials, DOE counsel, and DOE M&O contractor personnel responsible for preparing and finalizing DOE's LA in compliance with applicable regulatory requirements and guidance.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision is what licensing approach to adopt with respect to the programmatic sections of the License Application.**
Deliberation Explanation	**The YM LA CDR recommends and proposes to DOE plans for ensuring that the LA satisfies applicable regulatory requirements and guidelines with respect to programmatic requirements, and makes recommendations on licensing strategies and regulatory requirements as well as the structure and content of the applicable sections of the draft License Application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.** **The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency positions to adopt on those requirements. Comparison of this draft with the final version of the LA would reveal internal deliberations about what to say on the referenced topic and how to structure that presentation, and allow DOE's deliberations to be reconstructed.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (FACT);**
	LWP-other (OPINION)

Participant Accession No.	**ALA.20070515.5279**
LSN Accession Number	**DN2002479256**
Doc Date	**20070312**
Title	**Fw: NEA Symposium Trip Report (Predecisional discussion material: Privileged**
Subject Matter Description	**The document concerns the potential import on the draft License Application of standards promulgated by the Nuclear Energy Agency and the International Atomic Energy Agency.**
Authors	**Van Luik, Abraham E. / DOE - OCRWM Office of License Application & Strategy / Mark H. Williams is Director of OLAS as of 12/2/05. Stephen Hanauer and Claudia Newberry are collegues of Van Luik. Williams, Hanauer, Newberry and Van Luik oversee Postclosure and License Acquisition Division (of which William J. Boyle is the Director) and Regulatory Interactions and Strategy Division (of which April Gil is the Director). OLAS is under the Office of Repository Development. Joseph D. Ziegler stepped down as Director of OLAS in 11/2005. Ziegler was Director of OLAS since 10/28/02.**
Recipients	**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

Author Recipient Relationship	**The author is a senior DOE OCRWM official. The direct recipient (Sproat) is the director of OCRWM. The other recipients are YMP personnel with responsibility for the subject matter of the communication.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should make changes to the draft License Application in light of NEA and IAEA standards.**
Deliberation Explanation	**The document provides the author's analyses and recommendations on the referenced topic, to assist the OCRWM's director's deliberations about the form and content of the draft LA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.** **The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EMAIL**

Participant Accession No.	**ALA.20070604.2765**
LSN Accession Number	**DN2002469673**
Doc Date	**20070416**
Title	**Fw: Cancelled vs Superceded Documents**
Subject Matter Description	**The document concerns the distinctions between canceled and superseded documents and DOE's ability to cite and rely on canceled documents.**
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 /**
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.20070711.4715**
LSN Accession Number	**DN2002479201**
Doc Date	**20070515**
Title	**Fw: Privileged--ICRP Alignment Decision Paper**
Subject Matter Description	**The document concerns a draft position paper on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.**
Authors	**Williams, Jeffrey R. / DOE - OCRWM Office of Science and Technology and International / Acting Director**
Recipients	**Sproat, Edward F. III / DOE - OCRWM / Director**
Author Recipient Relationship	**The author is a DOE OCRWM official who reports to the recipient, the OCRWM director.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should adopt a licensing position on the use of different versions of ICRP publications for the calculation of public and worker radiation dose for LA supporting products.**
Deliberation Explanation	**The document provides the author's recommendations to the recipient on whether he should be the official who makes the decision, and what decision he should make.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because it does not contain any factual discussion.**
Doc Type	**EMAIL**

Participant Accession No.	**ALA.20070711.7292**
LSN Accession Number	**DN2002466715**
Doc Date	**20070525**
Title	**Regulatory and PASIT evaluation of 2 liters per day source location**
Subject Matter Description	**This document is an attachment to the May 29, 2007 email of Jerry Burford addressing issues related to draft LA section 2.3.10.**
Authors	**The author of these comments is an OCRWM contractor with licening-relaed responsibility for the subject addressed.**
Recipients	**Burford, Jerry / Sandia National Laboratory (SNL) / OCRWM contractor** **Goldstein, Barry / Sandia National Laboratory (SNL) / OCRWM contractor** **Lugo, Candace L. / Sandia National Laboratory (SNL) / OCRWM contractor** **Lum, Clinton C. / Sandia National Laboratory (SNL) / OCRWM contractor** **Nair, Prasad K. / Sandia National Laboratory (SNL) / OCRWM contractor** **Price, Laura / Sandia National Laboratory (SNL) / OCRWM contractor** **Raleigh, James J. / Sandia National Laboratory (SNL) / OCRWM contractor** **Rogers, Ralph D. / Sandia National Laboratory (SNL) / OCRWM contractor** **Smith, Anthony / Sandia National Laboratory (SNL) / OCRWM contractor** **Stanley, Andy / Sandia National Laboratory (SNL) / OCRWM contractor** **Wasiolek, Maryla A. / Sandia National Laboratory (SNL) / OCRWM contractor** **Wilson, Charles / Sandia National Laboratory (SNL) / OCRWM contractor**
Author Recipient Relationship	**The author and recipients are OCRWM contractors with licensing-related responsibility for the subject of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This document concerns what interpretation of 10 CFR 63.312 and 63.311 DOE should adopt for the licensing proceeding.**
Deliberation Explanation	**The document provides the author's subjective opinions of the regulatory requirements and makes a proposed interpretation for DOE to adopt and the grounds the author believes support the interpretation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document does not contain any separate factual section. It provides the author's subjective interpretation of regulations and supporting grounds. Disclosure of those grounds would reveal the author's opinions. The document posits various assumptions and hypotheticals, and from that basis provides evaluations and recommendations. The entire document is deliberative. The document also provides subjective interpretations of regulatory requirements. Disclosure of its contents would reveal internal deliberations about those requirements, and by comparison with DOE's final licensing positions would allow reconstruction of DOE's internal deliberations about what agency position to adopt on those requirements.**
Doc Type	**EMAIL-ATT**
Other Privilege Types	**LWP-other (OPINION)**

Participant Accession No.	**ALA.20070823.6214**
LSN Accession Number	**DN2002479058**
Doc Date	**20070626**
Title	**LL-TSPA Scenarios-Results for LST**
Subject Matter Description	**The document concerns proposed actions to take with respect to parameters used in the draft TSPA model.**
Authors	**Hansen, Clifford L. /Sandia** **Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor**
Recipients	**Bonano, Evaristo J./Sandia** **Dyer, Russel J./ DOE - OCRWM Office of Repository Development/** **Hanlon, Carol/ DOE - OCRWM Office of License Application & Strategy/** **MacKinnon, Robert /Sandia** **Nair, Prasad K./Sandia** **Newbury, Claudia M./ DOE - OCRWM Office of Repository Development/** **Orrell, Andrew/ Sandia** **Prouty, Jeralyn L./Sandia** **Sproat, Edward F. III / DOE - OCRWM / Director**
Author Recipient Relationship	**The authors are two Sandia personnel who work on the YMP and prepared the subject document at DOE's request. The document was presented to the director of OCRWM. Copies were provided to other DOE and Sandia personnel responsible for the subject matter of the document.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The document concerns whether DOE should approve certain further actions by Sandia regarding various parameters in the draft TSPA model.**
Deliberation Explanation	**The document provides the authors' recommendations on additional actions to take with respect to parameters in the draft TSPA.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because it relates to draft model parameters and recommendations on actions that could be taken regarding them.**

Doc Type	**EMAIL-ATT**

Participant Accession No.	**ALA.20070910.0133**
LSN Accession Number	**DN2002479143**
Doc Date	**20061026**
Title	**THERMAL MANAGEMENT ACTIVITIES**
Subject Matter Description	**The subject matter is the Thermal Management Strategy to incorporate into the license application.**
Authors	**Bailey, Jack / BSC Repository Development - Licensing & Nuclear Safety/ Beckman & Associates (B&A) or (BAA) Senior Engineering Specialist**
Recipients	**DOE employees or contractors responsible for the subject draft LA (or SAR) sections/ /**
Author Recipient Relationship	**Authors and recipients are DOE employees or contractors responsible for developing the license application.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the power point presentation (thermal management strategy).**
Deliberation Explanation	**The author is providing recommendations and opinions on the proposed licensing positions regarding the thermal management strategy to incorporate into the license application.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**DATA**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

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

Participant Accession No.	**ALA.20070912.1064**
LSN Accession Number	**DN2002469222**
Doc Date	**20061201**
Title	**INTEC PIECE/PARTS TELECOM**
Subject Matter Description	**INTEC PIECE/PARTS TELECOM concerning options for waste form packaging for PPF.**
Authors	**Angerhofer, Todd E. / Naval Reactors /**
Recipients	**Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **Dixon, Wendy R./ DOE - OCRWM Office of Facility Operations, Environment, Safety and Health/** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **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 /**
Author Recipient Relationship	**The author and recipients are NNPP and NNPP contractor personnel who have responsibility for implementing the decision as to which the author has provided his recommendations and advice.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**

DP Decision Information	**The document concerns the decision that must be made on waste form packaging for PFF and presents various options for consideration by NNPP and DOE.**
Deliberation Explanation	**The document provides the author's comments and recommendations on the position that should be taken with respect to waste form packaging for PPF.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document does not contain a separate fact section and cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**

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

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 /**
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 /**
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	**Clark, R. J. / /** **Dyer, J. Russell / DOE - OCRWM Office of Repository Development / Acting Deputy Director** **Feigenbaum, T. / /** **Franklin, David G. III / Naval Reactors - Yucca Mountain Resident Office / Manager** **Golan, P. M. / DOE/RW /** **Harrington, Paul G. / DOE - OCRWM Office of the Chief Engineer / Director** **Holden, Gregory F. / Naval Reactors /** **Hunemuller, N. K. / /** **Kacich, R. / /** **Knowles, Kathryn / Sandia National Laboratory / OCRWM Contractor** **Kouts, Christopher A. / DOE - OCRWM Office of Systems Analysis & Strategy/Development / Director** **Orrell, Andrew / BSC Repository Development - Systems Engineering & Integration / Sandia National Laboratory (SNL) Team Member** **Powers, K. W. / /** **Rechard, Robert P. / Sandia National Lab / Sandia National Laboratory (SNL) Risk Analysis** **Sproat, Edward F. III / DOE - OCRWM / Director** **Swift, Peter N. / Sandia National Lab / Sandia National Laboratory (SNL) General Technical Management** **Tosetti, R. J. / /** **Warther, Robert / DOE - OCRWM /** **Williams, Mark H. / DOE /**
Author Recipient Relationship	**The author is Director of Regulatory Affairs for Naval Reactors. The recipients are DOE officials, including the Director of OCRWM, Naval Reactor personnel, lead lab personnel and DOE M&O personnel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**

DP Decision Information	**Director McKenzie discusses issues relate to, among other things, burnup credit strategy, abstraction analyses, and human intrusion scenario. In addition to discussing these issues, the Director offers proposed recommendations and NR's views on how the Project should respond to these issues.**
Deliberation Explanation	**This document contains NR's opinion and recommendations on how to respond to certain issues discussed at a meeting involving Ward Sproat, BSC, Sandia and NR. NR's proposals do not reflect the path or course of action that DOE took on these particular issues. The issues include, among other issues, preliminary reports involving seismic audits, borated stainless steel, and thermal analyses for transportation.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**CORRESPONDENCE**

Participant Accession No.	**ALA.20070914.0415**
LSN Accession Number	**DN2002479129**
Doc Date	**20070123**
Title	**PA/QA DEFENSIBILITY TEAM - AMR REVIEW COMMENT SHEET PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING**
Subject Matter Description	**PROBABILITY DISTRIBUTION FOR FLOWING INTERVAL SPACING**
Authors	**Eslinger, Paul W. //**
Recipients	**Llicensing Defensibility Team**
Author Recipient Relationship	**Authors and recipients are DOE employees and contractors responsible for the subject draft AMR section**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Actions to be taken to mitigate any licensing risk associated with potential vulnerabilities in the content or form of the subject AMR.**
Deliberation Explanation	**The team is providing analysis of and recommendations and opinions on the identified potential vulnerabilities associated with the subject AMR form and content.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document contains no factual section. Its content is wholly evaluative.**
Doc Type	**DATA** **PACKAGE**
Other Privilege Types	**LWP-other (FACT);** **LWP-other (OPINION)**

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

Participant Accession No.	**ALA.20070918.0469**
LSN Accession Number	**DN2002470791**
Doc Date	**20061130**
Title	**INTEC PIECE/PARTS TELECOM**
Subject Matter Description	**INTEC PIECE/PARTS TELECOM**
Authors	**Angerhofer, Todd E. / Naval Reactors /** **Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager**

Recipients	**Angerhofer, Todd E. / Naval Reactors /** **Dei, Donald E. / Naval Reactors /** **Dixon, Wendy R. / DOE - OCRWM Office of Facility Operations, Environment, Safety and Health / Assistant Manager** **Gisch, Robert G. / Naval Reactors - Regulatory Affairs / Naval Spent Fuel Program Manager** **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 /**
Author Recipient Relationship	**The author and recipients are NNPP personnel and NNPP contractor personnel who work on YMP matters.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Performance of LA analyses and Design/Provision of parts to a repository. The document discusses a number of options presented in a white paper for a DOE decision on waste forms.**
Deliberation Explanation	**Provide comments and analysis of options as background information for decision regarding waste forms. The comments and analysis reflect the author's personal opinions and recommendations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**
Doc Type	**E-MAIL**

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

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.20051018.4266**
LSN Accession Number	**DN2002336383**
Doc Date	**20051004**
Title	**ORD Senior Mgmt Review 050707 (2) skoblarl**
Subject Matter Description	**Author's notes and observations arising from senior management review meeting (including attorneys from OGC and its outside law firm) of various issues associated with the LA.**
Authors	**Skoblar, Leonard/ BSC Repository Development - Design Interface & Integration/**
Recipients	**Raleigh, James J. / BSC Repository Development - Regulatory Coordination Group / JK Research Associates (JKRA) Principal Regulatory Analyst**
Author Recipient Relationship	**The authors and recipients are YMP personnel. They have summarized topics discussed at the senior meeting, proposed paths forward, and recommendations and analysis offered by senior DOE officials and outside counsel.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**There are various issues associated with determining content of and strategy associated with the LA and the positions DOE may take in the licensing proceeding.**
Deliberation Explanation	**The document reflects the deliberations of the management group and its attorneys on issues critical to the LA and the licensing proceeding.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document contains no factual section. It is entirely made up of a list of issues that in the judgment of management and the author are issues requiring deliberation and attention of management with recommendations on actions and assessment of impacts.**
Doc Type	**DATA**
	EMAIL-ATT
Other Privilege Types	**ACP-discusses attorneys advice;**
	LWP-other (OPINION)

Change Type **Corrections**

Participant Accession No.	**ALA.20051003.0010**
LSN Accession Number	**DN2002470735**
Doc Date	**20020412**
Old Doc Date	**20050815**
Title	**PRIV Burnup credit in waste package.doc**
Subject Matter Description	**Whether to use burnup credit in analyzing criticality in unsealed, loaded waste packages in the Surface Facility.**
Authors	**Hanauer, Stephen H.**
Author Recipient Relationship	**The author is an official within OCRWM.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**This memorandum relates to DOE's decision on whether to use burnup credit in analyzing criticality for waste packages. This document sets forth a series of talking points on this issue, and analyzes the issue. The information was prepared for S. Hanauer for his discussions with DOE decision-makers.**
Deliberation Explanation	**This document makes recommendations for the treatment of burn-up credit in criticality analyses. The document makes recommendations and provides the reasons for those recommendations.**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document does not contain any factual section. Nor do it various sections contain any factual discussion that is segregable from the deliberative portions of the document. The document provides the author's opinions and bases for those opinions and recommendations. Disclosure of its contents would reveal the authors thought processes as to the author's opinions and what information the author considered important.**
Doc Type	**EFILE** **REPORT**
Old Doc Type	**EFILE**

Participant Accession No.	**ALA.20051003.0012**
LSN Accession Number	**DN2002468859**
Doc Date	**20050415**
Old Doc Date	**20050815**
Title	**PRIV HVAC single failures.doc**
Subject Matter Description	**Single failure points in HVAC system design P&ID**
Authors	**Hanauer, Stephen H./ DOE - OCRWM Office of License Application & Strategy/**
Author Recipient Relationship	**The author is a DOE employee responsible for the subject document and licensing positions to be taken by DOE.**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**The decision involves the PCSA fuel-in-air analysis and the effect that such analysis will have on the HVAC system design and reliability specifications adopted by DOE and its contractors.**
Deliberation Explanation	**The purpose of this document is to provide the author's position regarding the potential vulnerabilities in the current HVAC system design and the effect of the position taken with regard to fuel-in-air analysis on same. This memo was prepared by Stephen Hanauer for his use in ongoing discussions within DOE related to 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	**EFILE** **REPORT**
Old Doc Type	**EFILE**

Participant Accession No.	**ALA.20060126.0405**
LSN Accession Number	
Old LSN Accession Number	**DN2002332193**
Doc Date	**20051013**
Title	**SAR Section 1.2.7_Needed Corrections**
Subject Matter Description	**The subject matter is draft license application section 1.2.7 and engineering comments on that draft section.**
Authors	**Ployhar, Steve / BSC /** **Swanson, Leonard / BSC /**
Recipients	**Bryan, Martin C/ BSC Repository Development - LA Completion/**
Author Recipient Relationship	**Authors and recipients are DOE M&O contractors responsible for the subject draft LA (or SAR) sections**
Determining Official	**Alan B. Brownstein / OCRWM / Chief Operating Officer**
DP Decision Information	**Licensing positions to be taken on the subject matter of the draft LA section and its form and content.**
Deliberation Explanation	**The authors are providing recommendations and opinions on the proposed licensing positions in and the form and content of this draft section**
Circulated Draft Affirmation	**This document has been reviewed and determined not to be a "circulated draft" as that term is defined in 10 C.F.R. 2.1001**
Non Redactable Statement	**This document cannot be redacted because any factual information contained therein is so interwoven with the privileged information that disclosure of the factual information necessarily would result in disclosure of the privileged information.**

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