

UNITED STATES  
NUCLEAR REGULATORY COMMISSION

September 6, 2007 (4:55pm)

Before the Atomic Safety and Licensing Board

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

*In the matter of*

ENTERGY NUCLEAR VERMONT YANKEE, LLC  
and ENTERGY NUCLEAR OPERATIONS, INC.  
Vermont Yankee Nuclear Power Station

Docket No. 50-271-LR  
ASLB No.06-849-03-LR

## CERTIFICATE OF DISCLOSURE

I, Karen Tyler, being properly sworn, state the following to the best of my personal knowledge:

1. New England Coalition, Inc.'s disclosures are accurate and complete, pursuant to 10 C.F.R. § 2.336, as of September 6, 2007.

**DATED** at Burlington, Vermont this 6th day of September, 2007

by:

Karen Tyler

Subscribed and sworn to before me this 6th day of September, 2007.

Clara Cavitt

Clara Cavitt

**Notary Public**

My commission expires

02/10/2011

UNITED STATES  
NUCLEAR REGULATORY COMMISSION

Before the Atomic Safety and Licensing Board

*In the matter of*

|                                      |   |                      |
|--------------------------------------|---|----------------------|
| ENTERGY NUCLEAR VERMONT YANKEE, LLC  | ) | Docket No. 50-271-LR |
| and ENTERGY NUCLEAR OPERATIONS, INC. | ) | ASLB No.06-849-03-LR |
| Vermont Yankee Nuclear Power Station | ) |                      |
| License Renewal Application          | ) |                      |

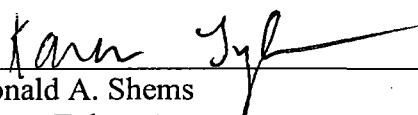
**NEW ENGLAND COALITION, INC.'S (NEC) FIFTH SUPPLEMENTAL  
DISCLOSURE PURSUANT TO 10 C.F.R. § 2.336**

Pursuant to 10 C.F.R. § 2.336, New England Coalition, Inc. (NEC) hereby supplements its disclosures with the attached updated privilege log.

September 6, 2007

New England Coalition, Inc.

by:



Ronald A. Shems

Karen Tyler

SHEMS DUNKIEL KASSEL & SAUNDERS PLLC

For the firm

Attorneys for NEC

## NEC Privilege Log

| Document Number | Document Description/Title   | Date       | Author Name      | Title | Job assignment         | Email Recipients            | Email attachment                       | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|------------|------------------|-------|------------------------|-----------------------------|--|---------------------------|------------------------|
| JH-1            | Email re: Licensing Board Order - Vermont Yankee License Renewal       | 10/12/2006 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-2            | Email re: Reply and References   | 10/11/2006 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-3            | Email re: opposition to cont. 3 reconsideration                        | 10/10/2006 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-4            | Email re: Reply and References   | 10/9/2006  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-5            | Email re: Comments on Entergy Motion to dismiss and list of references | 10/9/2006  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-6            | Email re: Amendments regarding CUFs                                    | 8/4/2006   | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-7            | Email re: Comments on ENVY's Response                                  | 6/28/2006  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-8            | Email re: Comments on ENVY's Response                                  | 6/27/2006  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-9            | Email re: Comments on ENVY's Response                                  | 6/25/2006  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-10           | Email re: Comments on Response to Summary Judgment                     | 4/8/2007   | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-11           | Email re: Comments on Response to Summary Judgment                     | 4/10/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                 | None                                   | Yes                       | Yes                    |
| JH-12           | E-mail re: Contention 3 motion for summary judgment                    | 4/30/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-13           | E-mail re: Vermont Yankee LR   | 5/11/2007  | Hopenfeld,       | PhD   | Expert witness         | Karen                       |  | Yes                       | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name      | Title | Job assignment         | Email Recipients  | Email attachment                       | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|------------------|-------|------------------------|---|--|---------------------------|------------------------|
|                 | (Dkt No. 50-271-LR)   |           | Joram            |       | for NEC                | Tyler   | None                                   |                           |                        |
| JH-14           | E-mail re: final declaration  | 5/9/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler   | None                                   | Yes                       | Yes                    |
| JH-15           | E-mail re: NEC - VY Relicensing   | 5/18/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler   | None                                   | Yes                       | No                     |
| JH-16           | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal... | 5/31/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler   | None                                   | Yes                       | Yes                    |
| JH-17           | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal... | 5/31/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis, Ulrich Witte                                 | Expert input to attorney work product. | Yes                       | Yes                    |
| JH-18           | E-mail re: Entergy Nuclear Vermont Yankee, LLC, and Entergy Nuclear Operations...         | 6/5/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Raymond Shadis, Ulrich Witte                                 | None                                   | Yes                       | Yes                    |
| JH-19           | E-mail re: Entergy documents  | 6/17/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Ronald Shems, Andrew Raubvogel, Raymond Shadis, Ulrich Witte | None                                   | Yes                       | Yes                    |
| JH-20           | E-mail re: documents associated with fatigue analysis                                     | 6/18/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Ulrich Witte, Raymond Shadis  | None                                   | No                        | Yes                    |
| JH-21           | E-mail re: documents associated with fatigue analysis                                     | 6/18/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Ulrich Witte  | None                                   | No                        | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title   | Date      | Author Name      | Title | Job assignment         | Email Recipients                          | Email attachment            | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|-----------|------------------|-------|------------------------|---|-----------------------------|---------------------------|------------------------|
| JH-22           | E-mail re: NEC Contention 2  | 7/2/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-23           | E-mail re: "Feedwater nozzle Finite Element Model & Heat Transfer Coefficients" VY-10Q-301 | 7/4/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Ulrich Witte                              | None                        | No                        | Yes                    |
| JH-24           | E-mail re: NEC Contention 2  | 7/9/2007  | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler, Ulrich Witte, Raymond Shadis | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-25           | E-mail re: Contention 4  | 7/10/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-26           | E-mail re: Declaration in support of new Contention 2                                      | 7/10/2007 | Hopenfeld, Joram | PhD   | Expert witness for NEC | Karen Tyler                               | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-27           | Memo to Karen Tyler re: Comments on Entergy Summary Disposition - Contention 4             | ?         | Hopenfeld, Joram | PhD   | Expert Witness for NEC |   |                             | Yes                       | Yes                    |
| JH-28           | E-mail re: Contention 2  | 7/11/2007 | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-29           | E-mail re: Contention 2  | 7/12/2007 | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-30           | E-mail re: Contention 4  | 7/14/2007 | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler, Raymond Shadis, Ulrich Witte | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-31           | E-mail re: Contention 4  | 7/14/2007 | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Ulrich Witte, Raymond Shadis, Karen Tyler | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-32           | E-mail re: Contention 4  | 7/15/2007 | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | Draft Hopenfeld Declaration | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title                                       | Date       | Author Name      | Title | Job assignment         | Email Recipients                          | Email attachment            | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|------------|------------------|-------|------------------------|---|-----------------------------|---------------------------|------------------------|
| JH-33           | E-mail re: Contention 4  | 7/15/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-34           | E-mail re: Contention 4  | 7/16/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | Draft Hopenfeld Declaration | Yes                       | Yes                    |
| JH-35           | E-mail re: Contention 2  | 7/17/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-36           | E-mail re: declaration re: Contention 2                          | 9/3/2007   | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | HopenfeldDeclaration        | Yes                       | Yes                    |
| JH-37           | E-mail re: References  | 8/24/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Ulrich Witte                              | None                        | No                        | Yes                    |
| JH-38           | E-mail re: Revised New Contention 2                              | 8/28/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler, Ulrich Witte, Raymond Shadis | Hopenfeld Contention2F.doc  | Yes                       | Yes                    |
| JH-39           | E-mail re: revised new contention 2                              | 8/30/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | HopenfeldDeclaration.doc    | Yes                       | Yes                    |
| JH-40           | E-mail re: final declaration                                     | 8/31/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-41           | E-mail re: Revised New Contention 2                              | 8/27/2007  | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Karen Tyler                               | None                        | Yes                       | Yes                    |
| JH-42           | E-mail re: Discovery issues                                      | 8/9/2007   | Hopenfeld, Joram | PhD   | Expert Witness for NEC | Ulrich Witte, Raymond Shadis              | None                        | No                        | Yes                    |
| RJ-1            | Email re: Licensing Board Order - Vermont Yankee License Renewal | 10/17/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems, Karen Tyler                 | None                        | Yes                       | Yes                    |
| RJ-2            | Email re: Licensing Board Order - Vermont Yankee License Renewal | 10/17/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                        | Yes                       | Yes                    |
| RJ-3            | Email re: Licensing Board Order - Vermont Yankee License Renewal | 10/17/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                        | Yes                       | Yes                    |
| RJ-4            | Email re: Licensing Board  | 10/17/2006 | Jones, Ross      | PhD   | Expert witness         | Ronald                                    |                             | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title   | Date       | Author Name | Title | Job assignment         | Email Recipients          | Email attachment                  | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|------------|-------------|-------|------------------------|---------------------------|-----------------------------------|---------------------------|------------------------|
|                 | Order - Vermont Yankee License Renewal   |            |             |       | for NEC                | Shems, Karen Tyler        | Rjones-VYreferences.doc           |                           |                        |
| RJ-5            | Email re: Licensing Board Order - Vermont Yankee License Renewal                           | 10/12/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-6            | Email re: Licensing Board Order - Vermont Yankee License Renewal                           | 10/11/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-7            | Email re: experts  | 9/27/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems, Karen Tyler | None                              | Yes                       | Yes                    |
| RJ-8            | Email re: Licensing Board Memorandum and Order - Vermont Yankee License Renewal Proceeding | 9/22/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-9            | Email re: Quick question   | 8/24/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-10           | Email re: Quick question   | 8/24/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-11           | Email re: Entergy Nuclear Vermont Yankee, LLC, and Entergy Nuclear Operations, Inc.        | 7/29/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | Appendix E to Entergy Application | Yes                       | Yes                    |
| RJ-12           | Email re: Entergy Nuclear Vermont Yankee, LLC, and Entergy Nuclear Operations, Inc.        | 7/29/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-13           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding                  | 7/25/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | None                              | Yes                       | Yes                    |
| RJ-14           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding                  | 7/25/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | USF&W letter 3-06 re VY.doc       | Yes                       | Yes                    |
| RJ-15           | Email re: Licensing Board Order Vermont Yankee   | 7/25/2006  | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems              | FactSheet.3-1199.2006.03.pdf;     | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name | Title | Job assignment         | Email Recipients | Email attachment  | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|-------------|-------|------------------------|------------------|---|---------------------------|------------------------|
|                 | License Renewal Proceeding  |           |             |       |                        |                  | Permit.3-1199.2006.03.30.pdf  |                           |                        |
| RJ-16           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/25/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | Expert input to attorney work product;<br>APPENDIX C.doc;<br>Appendix Cover.doc;<br>Appendix B.doc;<br>Appendix A.doc;<br>ShadDecline (Vernon-Turner).doc | Yes                       | Yes                    |
| RJ-17           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/25/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-18           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/25/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-19           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-20           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/19/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-21           | Email re: Licensing Board Order Vermont Yankee License Renewal Proceeding | 7/19/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-22           | Email re: Water Contention reply2.doc                                     | 6/29/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | Expert input to attorney work product.  | Yes                       | Yes                    |
| RJ-23           | Email re: Water Contention reply.doc                                      | 6/29/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-24           | Email re: Water Contention reply.doc                                      | 6/29/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-25           | Email re: Water Contention reply.doc                                      | 6/29/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | Expert input to attorney work product.  | Yes                       | Yes                    |
| RJ-26           | Email re: Water Contention reply.doc                                      | 6/29/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | None  | Yes                       | Yes                    |
| RJ-27           | Email re: Water Contention reply.doc                                      | 6/28/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems     | Expert input to attorney work product.  | Yes                       | Yes                    |



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| Document Number | Document Description/Title                               | Date      | Author Name | Title | Job assignment         | Email Recipients                        | Email attachment                       | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|-----------|-------------|-------|------------------------|---|--|---------------------------|------------------------|
| RJ-28           | Email re: Water Contention reply.doc                     | 6/28/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | Expert input to attorney work product. | Yes                       | Yes                    |
| RJ-29           | Email re: NEC/Biology Report - Invoice                   | 6/27/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-30           | Email re: NEC/Biology Report - Invoice                   | 6/23/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-31           | Email re: NEC/Biology Report - Invoice                   | 6/23/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-32           | Email re: VY Hearing                                     | 6/16/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-33           | Email re: VY Hearing                                     | 6/16/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-34           | Email re: NEC/Biology Report - Invoice                   | 5/25/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | Invoice-Rjones(052506).rtf             | Yes                       | Yes                    |
| RJ-35           | Email re: NEC-Memo(rjones)-final                         | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-36           | Email re: NEC-Memo(rjones)-final                         | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | Jones Declaration                      | Yes                       | Yes                    |
| RJ-37           | Email re: NEC-memo(rjones)-Ver4.doc                      | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-38           | Email re: NEC-memo(rjones)-Ver4.doc                      | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems                            | None                                   | Yes                       | Yes                    |
| RJ-39           | Email re: NEC-memo(rjones)-Ver4.doc                      | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems, David Mears; P. Parenteau | Expert input to attorney work product. | Yes                       | Yes                    |
| RJ-40           | Email re: NEC/Vermont Yankee - updated biological report | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems, David Mears; P. Parenteau | Expert input to attorney work product. | Yes                       | Yes                    |
| RJ-41           | Email re: NEC/Vermont Yankee - updated biological report | 5/24/2006 | Jones, Ross | PhD   | Expert witness for NEC | Ronald Shems, David Mears; P. Parenteau | Expert input to attorney work product. | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name      | Title | Job assignment         | Email Recipients                          | Email attachment                       | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|------------------|-------|------------------------|---|--|---------------------------|------------------------|
| RJ-42           | Email re: NEC/Vermont Yankee - biological report  | 5/23/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems, David Mears; P. Parenteau   | None                                   | Yes                       | Yes                    |
| RJ-43           | Email re: NEC/Vermont Yankee - biological report  | 5/23/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems, David Mears; P. Parenteau   | Expert input to attorney work product. | Yes                       | Yes                    |
| RJ-44           | Email re: NEC/Vermont Yankee - biological report  | 5/23/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-45           | Email re: NEC/Vermont Yankee - biological report  | 5/23/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-46           | Email re: Environmental Report Attachment   | 5/21/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-47           | Email re: Water Contention reply2.doc   | 6/29/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | Expert input to attorney work product. | Yes                       | Yes                    |
| RJ-48           | Email re: Vermont Yankee/NEC - biology  | 6/28/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-49           | Email re: Vermont Yankee Affidavit  | 6/27/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-50           | Email re: Vermont Yankee/NEC - biology  | 6/28/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-51           | Email re: chemical engineer   | 9/20/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems                              | None                                   | Yes                       | Yes                    |
| RJ-52           | Email re: Water Contention reply3.doc   | 6/29/2006 | Jones, Ross      | PhD   | Expert witness for NEC | Ronald Shems, Karen Tyler, Raymond Shadis | Expert input to attorney work product. | Yes                       | Yes                    |
| AR-1            | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal Proceeding | 6/5/2007  | Roisman, Anthony | JD    | Attorney for VT DPS    | Karen Tyler                               | None                                   | No                        | Yes                    |
| AR-2            | E-mail re: Statement of Facts   | 6/1/2007  | Roisman,         | JD    | Attorney for VT        | Karen                                     |  | No                        | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name      | Title | Job assignment      | Email Recipients                           | Email attachment  | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|------------------|-------|---------------------|--|---|---------------------------|------------------------|
|                 | not in Dispute re NEC Contention 4 in VY License Renewal Proceeding                               |           | Anthony          |       | DPS                 | Tyler                                      | None  |                           |                        |
| AR-3            | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal Proceeding | 6/1/2007  | Roisman, Anthony | JD    | Attorney for VT DPS | Karen Tyler                                | None  | No                        | Yes                    |
| AR-4            | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal Proceeding | 5/31/2007 | Roisman, Anthony | JD    | Attorney for VT DPS | Karen Tyler                                | Statement of Material Facts re Entergy's Motion for Summary Disposition of NEC Contention 4.pdf | No                        | Yes                    |
| AR-5            | E-mail re: VY License Renewal   | 7/3/2007  | Roisman, Anthony | JD    | Attorney for VT DPS | Karen Tyler, Ronald Shems, Sarah Hofmann   | NRC.Summary disposition denied Oyster Creek6-19-07.wpd  | No                        | Yes                    |
| RS-1            | E-mail re: Steam Dryer Meeting 2004   | 5/9/2007  | Shadis, Raymond  |       |                     | Karen Tyler, Joram Hopenfeld, Ronald Shems | Steamdryer RAI Review - 2004.pdf  | Yes                       | Yes                    |
| RS-2            | E-mail re: Contention 3 Draft   | 5/9/2007  | Shadis, Raymond  |       |                     | Karen Tyler, Joram Hopenfeld, Ronald Shems | IR 07-26-2004 REFUELING.pdf; IR 02-01-2006 REFUELING.pdf; NRCLTR 2 RE JEFFORDS RE- CRACKS.pdf   | Yes                       | Yes                    |
| RS-3            | E-mail re: Second Round Dryer Cracks  | 5/8/2007  | Shadis, Raymond  |       |                     | Karen Tyler, Joram Hopenfeld, Ronald Shems | IR 02-01-2006 REFUELING.pdf   | Yes                       | Yes                    |
| RS-4            | E-mail re: Ans 2 Entergy Statements   | 6/5/2007  | Shadis, Raymond  |       |                     | Karen Tyler, Joram                         |   | Yes                       | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title             | Date      | Author Name     | Title | Job assignment | Email Recipients                           | Email attachment  | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|-----------|-----------------|-------|----------------|--|---|---------------------------|------------------------|
|                 |  |           |                 |       |                | Hopenfeld, Ronald Shems, Ulrich Witte      | Ans 2 Entergy statement of facts.doc                                    |                           |                        |
| RS-5            | E-mail re: HELB- Mihama, Japan         | 6/5/2007  | Shadis, Raymond |       |                | Joram Hopenfeld, Karen Tyler, Ulrich Witte | in200608.HELB-JAPAN.doc   | Yes                       | Yes                    |
| RS-6            | E-mail re: FENOC -Surprise FAC         | 6/5/2007  | Shadis, Raymond |       |                | Joram Hopenfeld, Karen Tyler, Ulrich Witte | Davis Bessie CRDM Nozzle Erosion Corrosion.doc; in200608.HELB-JAPAN.doc | Yes                       | Yes                    |
| RS-7            | E-mail re: EPRI FAC REPORT             | 6/5/2007  | Shadis, Raymond |       |                | Ulrich Witte, Joram Hopenfeld, Karen Tyler | None  | Yes                       | Yes                    |
| RS-8            | E-mail re: NUREG CR-5632               | 6/5/2007  | Shadis, Raymond |       |                | Ulrich Witte, Joram Hopenfeld, Karen Tyler | NUREG-CR%205632.pdf   | Yes                       | Yes                    |
| RS-9            | E-mail re: Entergy Document Production | 6/29/2007 | Shadis, Raymond |       |                | Karen Tyler, Ronald Shems, Ulrich Witte    | None  | Yes                       | Yes                    |
| RS-10           | E-mail re: HELB- Mihama, Japan         | 7/13/2007 | Shadis, Raymond |       |                | Joram Hopenfeld, Karen                     | in200608.HELB-JAPAN.doc   | Yes                       | Yes                    |

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| Document Number | Document Description/Title          | Date      | Author Name     | Title | Job assignment | Email Recipients   | Email attachment   | Attorney Client Privilege | Work Product Privilege |
|-----------------|-------------------------------------|-----------|-----------------|-------|----------------|--|--|---------------------------|------------------------|
|                 |                                     |           |                 |       |                | Tyler, Ulrich Witte  |  |                           |                        |
| RS-11           | E-mail re: Contention 4             | 7/13/2007 | Shadis, Raymond |       |                | Joram Hopenfeld, Karen Tyler, Ulrich Witte                   | Davis Bessie CRDM Nozzle Erosion Corrosion .doc; in200608.HELB-JAPAN.doc | Yes                       | Yes                    |
| RS-12           | E-mail re: Contention 4             | 7/13/2007 | Shadis, Raymond |       |                | Joram Hopenfeld, Karen Tyler, Ulrich Witte                   | Draft Hopenfeld Declaration  | Yes                       | Yes                    |
| RS-13           | E-mail re: Contention 4             | 7/16/2007 | Shadis, Raymond |       |                | Karen Tyler, Joram Hopenfeld, Ulrich Witte, Ronald Shems     | Unanalyzed Condition I.doc; Unanalyzed.doc; hope 2004013.pdf             | Yes                       | Yes                    |
| RS-14           | E-mail re: revised new Contention 2 | 9/4/2007  | Shadis, Raymond |       |                | Karen Tyler, Joram Hopenfeld, Andrew Raubvogel, Ulrich Witte |  | Yes                       | No                     |
| RS-15           | E-mail re: Cooling Towers           | 8/30/2007 | Shadis, Raymond |       |                | Karen Tyler, Ronald Shems                                    | RAI on CTs 08-29-07.doc  | Yes                       | No                     |
| RS-16           | E-mail re: 08/30/07 VY EVENT REPORT | 8/31/2007 | Shadis, Raymond |       |                | Karen Tyler, Ronald  | 2007 08-30 Auto Scram Turbine Valve Stop Closure.doc                     | Yes                       | No                     |

# NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name     | Title | Job assignment     | Email Recipients   | Email attachment  | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|-----------------|-------|--------------------|--|---|---------------------------|------------------------|
|                 |   |           |                 |       |                    | Sherns   |   |                           |                        |
| RS-17           | E-mail re: Fwd: VY steam dryer report   | 8/2/2007  | Shadis, Raymond |       |                    | Joram Hopenfeld, Karen Tyler, Ulrich Witte                     | VYSteamDryerReport.7-23-2007.pdf  | Yes                       | No                     |
| RS-18           | E-mail re: ASLB EPU Statement of Position & NEC Response to Enter/Staff                           | 8/2/2007  | Shadis, Raymond |       |                    | Karen Tyler  | Statement of Position.doc; HopenfeldASLBTestimA.doc; NEC INITIAL POSITIONS RESPONSE.doc; HOPENFELD DECLARATION.doc; Hopenfeld Last Page.doc | Yes                       | No                     |
| RS-19           | E-mail re: Discovery Issues   | 8/9/2007  | Shadis, Raymond |       |                    | Karen Tyler, Joram Hopenfeld, Ulrich Witte, Andrew Raubvogel   | 1 - 2007 - 006 LR Inspection Report.pdf   | Yes                       | Yes                    |
| RS-20           | E-mail re: VY Cooling Tower Incident  | 8/22/2007 | Shadis, Raymond |       |                    | Karen Tyler  | None  | Yes                       | No                     |
| UW-1            | E-mail re: Statement of Facts not in Dispute re NEC Contention 4 in VY License Renewal Proceeding | 5/30/2007 | Witte, Ulrich   |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfeld                   | None  | Yes                       | Yes                    |
| UW-2            | E-mail re: Entergy statement of facts   | 6/5/2007  | Witte, Ulrich   |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfeld, Andrew Raubvogel | Expert input to attorney work product.  | Yes                       | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title                | Date      | Author Name   | Title | Job assignment     | Email Recipients                             | Email attachment   | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|---------------|-------|--------------------|--|--|---------------------------|------------------------|
| UW-3            | E-mail re: ASME XI Appendix L             | 6/8/2007  | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfeld | Entergy's Answer to DPS Notice of Intention to Participate and Petition to Intervene.doc; 2006-06-22 Answer 2 NEC Petition.doc; Declaration of John Hoffman (2).pdf; VY LR 092206mo4.doc; NEC Petition for Leave to Intervene 50-2712 OCR.pdf; index.htm; index.htm; 2006-06-2 NEC REPLY OCR pdf.pdf; 2006-09-22- VY LR .doc; NRC Staff Answer to DPS Petition to Intervene3.doc | Yes                       | Yes                    |
| UW-4            | E-mail re: summary of my priorities       | 6/8/2007  | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None   | Yes                       | Yes                    |
| UW-5            | E-mail re: NUREG/CR-6934                  | 6/8/2007  | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | cr6934.pdf   | Yes                       | Yes                    |
| UW-6            | E-mail re: review of SIA Fatigue Analysis | 6/14/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | VY-16Q-401rbredacted.pdf   | Yes                       | Yes                    |
| UW-7            | E-mail re: review of SIA Fatigue Analysis | 6/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None   | Yes                       | Yes                    |
| UW-8            | E-mail re: motion for extension           | 6/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None   | Yes                       | Yes                    |
| UW-9            | E-mail re: motion for extension           | 6/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None   | Yes                       | Yes                    |
| UW-10           | E-mail re: motion for extension           | 6/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | LR006619.pdf   | Yes                       | Yes                    |
| UW-11           | E-mail re: review of declaration          | 6/18/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Declaration of Ulrich Witte in support of motion to extend time with comments.doc  | Yes                       | Yes                    |
| UW-12           | E-mail re: FW: review of declaration      | 6/18/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Ronald Shems,                   | Draft Declaration of Ulrich Witte in support of motion to extend time with comments.doc  | Yes                       | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title                                | Date      | Author Name   | Title | Job assignment     | Email Recipients                             | Email attachment                                       | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|---------------|-------|--------------------|--|--|---------------------------|------------------------|
|                 |   |           |               |       |                    | Raymond Shadis, Andrew Raubvogel             |  |                           |                        |
| UW-13           | Draft Declaration of Ulrich Witte                         | 6/17/2007 | Witte, Ulrich |       | Consultant for NEC |  |  | No                        | Yes                    |
| UW-14           | E-mail re: documents associated with SIA fatigue analysis | 6/18/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler                 | LR006468.pdf; LR006470.pdf                             | Yes                       | Yes                    |
| UW-15           | E-mail re: documents associated with SIA fatigue analysis | 6/18/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler, Raymond Shadis | LR006482.pdf; LR006491.pdf; LR006519.pdf; LR006271.pdf | Yes                       | Yes                    |
| UW-16           | E-mail re: documents associated with SIA fatigue analysis | 6/19/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler                 | LR006435.pdf   | Yes                       | Yes                    |
| UW-17           | E-mail re: documents associated with SIA fatigue analysis | 6/19/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler                 | LR006477.pdf; LR006421.pdf; LR006528.pdf               | Yes                       | Yes                    |
| UW-18           | E-mail re: Contention 4 extension                         | 6/21/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Joram Hopenfeld, Raymond Shadis | None   | Yes                       | Yes                    |
| UW-19           | E-mail re: References                                     | 6/25/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfeld | ACRS VY 2007t.pdf                                      | Yes                       | Yes                    |
| UW-20           | E-mail re: document review at VY                          | 6/26/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler,                                 | None   | Yes                       | Yes                    |



## NEC Privilege Log

| Document Number | Document Description/Title                  | Date     | Author Name   | Title | Job assignment     | Email Recipients                             | Email attachment   | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|----------|---------------|-------|--------------------|--|--|---------------------------|------------------------|
|                 |   |          |               |       |                    | Raymond Shadis                               |  |                           |                        |
| UW-21           | E-mail re: NEC Contention 2                 | 7/2/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | documents associated with fatigue analysis from SIA; documents associated with fatigue analysis from SIA | Yes                       | Yes                    |
| UW-22           | E-mail re: contention 3                     | 7/2/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Expert input to attorney work product.   | Yes                       | Yes                    |
| UW-23           | Memo re: Contention 3                       |          | Witte, Ulrich |       | Consultant for NEC |  |  | No                        | Yes                    |
| UW-24           | E-mail re: Contention 3 Declaration         | 7/2/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Expert input to attorney work product.   | Yes                       | Yes                    |
| UW-25           | Memo re: Contention 3                       |          | Witte, Ulrich |       | Consultant for NEC |  |  | No                        | Yes                    |
| UW-26           | Draft Declaration of Mr. Ulrich K. Witte    | 6/2/2007 | Witte, Ulrich |       | Consultant for NEC |  |  | No                        | Yes                    |
| UW-27           | E-mail re: Entergy documents                | 7/3/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler                 | LR001817.pdf   | Yes                       | Yes                    |
| UW-28           | E-mail re: Entergy documents                | 7/4/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfeld, Karen Tyler                 | None   | Yes                       | Yes                    |
| UW-29           | E-mail re: notice re: proprietary documents | 7/5/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Expert input to attorney work product  | Yes                       | Yes                    |
| UW-30           | E-mail re: notice re: proprietary documents | 7/5/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Expert input to attorney work product  | Yes                       | Yes                    |
| UW-31           | E-mail re: Entergy document production      | 7/5/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None   | Yes                       | Yes                    |
| UW-32           | E-mail re: Contention 4                     | 7/9/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfeld | None   | Yes                       | Yes                    |
| UW-33           | E-mail re: Entergy's Eighth                 | 7/9/2007 | Witte, Ulrich |       | Consultant for     | Karen  | None   | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title                                   | Date      | Author Name   | Title | Job assignment     | Email Recipients                             | Email attachment                      | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|-----------|---------------|-------|--------------------|--|---------------------------------------|---------------------------|------------------------|
|                 | Supplemental   |           |               |       | NEC                | Tyler  |                                       |                           |                        |
| UW-34           | E-mail re: NEC Contention 2                                  | 7/9/2007  | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfelf, Karen Tyler                 | None                                  | Yes                       | Yes                    |
| UW-35           | E-mail re: NEC Contention 2                                  | 7/9/2007  | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfelf, Karen Tyler                 | LR006523.pdf                          | Yes                       | Yes                    |
| UW-36           | E-mail re: NEC Contention 4                                  | 7/9/2007  | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfelf, Karen Tyler                 | Draft Hopenfelf Declaration           | Yes                       | Yes                    |
| UW-37           | E-mail re: Contentions 2, 4                                  | 7/11/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None                                  | Yes                       | Yes                    |
| UW-38           | E-mail re: Contention 4                                      | 7/11/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | NUREG 1801 Excerpts                   | Yes                       | Yes                    |
| UW-39           | E-mail re: Contention 4                                      | 7/11/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Expert input to attorney work product | Yes                       | Yes                    |
| UW-40           | E-mail re: Contention 4                                      | 7/11/2007 | Witte, Ulrich |       | Consultant for NEC | Raymond Shadis, Karen Tyler                  | Expert input to attorney work product | Yes                       | Yes                    |
| UW-41           | E-mail re: Contention 4                                      | 7/12/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Witte Declaration               | Yes                       | Yes                    |
| UW-42           | E-mail re: Entergy's 8 <sup>th</sup> Supplemental Disclosure | 7/12/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None                                  | Yes                       | Yes                    |
| UW-43           | E-mail re: FAC Inspection Program                            | 7/12/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None                                  | Yes                       | Yes                    |
| UW-44           | E-mail re: Contention 4                                      | 7/12/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None                                  | Yes                       | Yes                    |
| UW-45           | E-mail re: Contention 4                                      | 7/13/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Joram Hopenfelf, Raymond Shadis | None                                  | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title                   | Date      | Author Name   | Title | Job assignment     | Email Recipients                             | Email attachment                                      | Attorney Client Privilege | Work Product Privilege |
|-----------------|--|-----------|---------------|-------|--------------------|--|---|---------------------------|------------------------|
| UW-46           | E-mail re: mass transfer coefficient for FAC | 7/13/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfelf, Karen Tyler, Raymond Shadis | None  | Yes                       | Yes                    |
| UW-47           | E-mail re: Contention 4                      | 7/13/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis                  | None  | Yes                       | Yes                    |
| UW-48           | E-mail re: Contention 4                      | 7/13/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None  | Yes                       | Yes                    |
| UW-49           | E-mail re: Contention 4                      | 7/14/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None  | Yes                       | Yes                    |
| UW-50           | E-mail re: Contention 4                      | 7/14/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Witte Declaration                               | Yes                       | Yes                    |
| UW-51           | E-mail re: Contention 4                      | 7/14/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Witte Declaration                               | Yes                       | Yes                    |
| UW-52           | E-mail re: Contention 4                      | 7/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Witte Declaration                               | Yes                       | Yes                    |
| UW-53           | E-mail re: Contention 4                      | 7/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Draft Witte Declaration                               | Yes                       | Yes                    |
| UW-54           | E-mail re: Contention 4                      | 7/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | None  | Yes                       | Yes                    |
| UW-55           | E-mail re: Contention 4                      | 7/15/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | Nmp 2003003.pdf                                       | Yes                       | Yes                    |
| UW-56           | E-mail re: Contention 4                      | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel                | Draft Witte Declaration                               | Yes                       | Yes                    |
| UW-57           | E-mail re: Contention 4                      | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | LRPD-02 Rev 2 ARM eval for VY may 2006 030771_001.pdf | Yes                       | Yes                    |
| UW-58           | E-mail re: Contention 4                      | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | LR002895.pdf  | Yes                       | Yes                    |
| UW-59           | E-mail re: Contention 4                      | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                                  | LR005942 -- SELF ASSESSMENT 2004.pdf                  | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title | Date      | Author Name   | Title | Job assignment     | Email Recipients              | Email attachment  | Attorney Client Privilege | Work Product Privilege |
|-----------------|----------------------------|-----------|---------------|-------|--------------------|-------------------------------|---|---------------------------|------------------------|
| UW-60           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | nureg 1801 vol 2 rev. 1.pdf   | Yes                       | Yes                    |
| UW-61           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | None  | Yes                       | Yes                    |
| UW-62           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | None  | Yes                       | Yes                    |
| UW-63           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | None  | Yes                       | Yes                    |
| UW-64           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | Draft Witte Declaration   | Yes                       | Yes                    |
| UW-65           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | Draft Witte Declaration   | Yes                       | Yes                    |
| UW-66           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | Draft Witte Declaration   | Yes                       | Yes                    |
| UW-67           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | Draft Witte Declaration   | Yes                       | Yes                    |
| UW-68           | E-mail re: Contention 4    | 7/16/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel | None  | Yes                       | Yes                    |
| UW-69           | E-mail re: Contention 3    | 7/17/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel | None  | Yes                       | Yes                    |
| UW-70           | E-mail re: Contention 4    | 7/17/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | None  | Yes                       | Yes                    |
| UW-71           | E-mail re: Contention 3    | 7/18/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler                   | Draft Witte Declaration   | Yes                       | Yes                    |
| UW-72           | E-mail re: Contention 3    | 7/19/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel | DRF ge dryer analysis proprietary 2005.pdf; Draft Witte Declaration | Yes                       | Yes                    |
| UW-73           | E-mail re: Contention 3    | 7/19/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel | DRF ge dryer analysis proprietary 2005.pdf; Draft Witte Declaration | Yes                       | Yes                    |
| UW-74           | E-mail re: Contention 3    | 7/19/2007 | Witte, Ulrich |       | Consultant for     | Karen                         | LR002112.pdf  | Yes                       | Yes                    |

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| Document Number | Document Description/Title     | Date      | Author Name   | Title | Job assignment     | Email Recipients   | Email attachment   | Attorney Client Privilege | Work Product Privilege |
|-----------------|--------------------------------|-----------|---------------|-------|--------------------|--|--|---------------------------|------------------------|
|                 |                                |           |               |       | NEC                | Tyler  |  |                           |                        |
| UW-75           | E-mail re: Contention 3        | 7/19/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler  | CR 2007-02133ocr.pdf   | Yes                       | Yes                    |
| UW-76           | E-mail re: Contention 3        | 7/19/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler  | Draft Witte Declaration  | Yes                       | Yes                    |
| UW-77           | E-mail re: Contention 3        | 7/24/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfled; Andrew Raubvogel | ATTACHMENT A .pdf; engineering report rev 0 page 1.jpg; engineering report rev 0 page 2.jpg; engineering report rev 0 page 3.jpg | Yes                       | Yes                    |
| UW-78           | E-mail re: Contention 3        | 7/25/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfled, Raymond Shadis, Karen Tyler                   | None   | Yes                       | Yes                    |
| UW-79           | E-mail re: Contention 3        | 7/26/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfled                   | None   | Yes                       | Yes                    |
| UW-80           | E-mail re: Contention 3        | 7/26/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfled, Raymond Shadis, Karen Tyler                   | None   | Yes                       | Yes                    |
| UW-81           | E-mail re: Hearing preparation | 7/27/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel, Raymond Shadis                  | None   | Yes                       | Yes                    |

# NEC Privilege Log

| Document Number | Document Description/Title                  | Date      | Author Name   | Title | Job assignment     | Email Recipients   | Email attachment          | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|---------------|-------|--------------------|--|---------------------------|---------------------------|------------------------|
| UW-82           | E-mail re: Contention 3                     | 7/31/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler  | None                      | Yes                       | Yes                    |
| UW-83           | E-mail re: article in Burlington free press | 8/27/2007 | Witte, Ulrich |       | Consultant for NEC | Raymond Shadis, Karen Tyler, Andrew Raubvogel                  | Burlington Free Press.pdf | Yes                       | Yes                    |
| UW-84           | E-mail re: VY Document Review               | 8/27/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel, Raymond Shadis                  | None                      | Yes                       | Yes                    |
| UW-85           | E-mail re: FW: necessary references         | 8/28/2007 | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Andrew Raubvogel, Joram Hopenfled, Raymond Shadis | None                      | Yes                       | Yes                    |
| UW-86           | E-mail re: References                       | 8/24/2007 | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfled  | None                      | No                        | Yes                    |
| UW-87           | E-mail re: Discovery issues                 | 8/9/2007  | Witte, Ulrich |       | Consultant for NEC | Karen Tyler, Raymond Shadis, Joram Hopenfled, Andrew Raubvogel | None                      | Yes                       | Yes                    |
| UW-88           | E-mail re: Discovery issues                 | 8/9/2007  | Witte, Ulrich |       | Consultant for NEC | Joram Hopenfled, Karen Tyler, Raymond Shadis                   | None                      | Yes                       | Yes                    |

## NEC Privilege Log

| Document Number | Document Description/Title  | Date      | Author Name   | Title | Job assignment     | Email Recipients  | Email attachment   | Attorney Client Privilege | Work Product Privilege |
|-----------------|---|-----------|---------------|-------|--------------------|---|--|---------------------------|------------------------|
| UW-89           | E-mail re: FW: Contention 4 msj   | 8/13/2007 | Witte, Ulrich |       | Consultant for NEC | Raymond Shadis, Andrew Raubvogel, Karen Tyler, Joram Hopfenfeld | None   | Yes                       | Yes                    |
| UW-90           | E-mail re: FW: Docket no. 50-271-LR --- challenge to the proprietary designations | 8/17/2007 | Witte, Ulrich |       | Consultant for NEC | Andrew Raubvogel, Karen Tyler                                   | VY-16Q-303r0REDACTED.pdf; VY-16Q-401r0REDACTED.pdf; VY-16Q-404r0REDACTED.pdf | Yes                       | Yes                    |

**UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION**

Before the Atomic Safety and Licensing Board

In the Matter of )

Entergy Nuclear Vermont Yankee, LLC )  
and Entergy Nuclear Operations, Inc. )

) Docket No. 50-271-LR  
) ASLBP No. 06-849-03-LR  
)

(Vermont Yankee Nuclear Power Station) )

CERTIFICATE OF SERVICE

I, Michelle Cronin, hereby certify that copies of NEW ENGLAND COALITION, INC.'S FIFTH SUPPLEMENTAL DISCLOSURE AND CERTIFICATE OF DISCLOSURE in the above-captioned proceeding were served on the persons listed below, by U.S. Mail, first class, postage prepaid; by Fed Ex overnight to Judge Elleman; and, where indicated by an e-mail address below, by electronic mail, on the 6th day of September, 2007.

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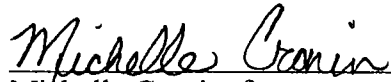
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