

Dated: September 19, 2006

**Entergy Nuclear Vermont Yankee L.L.C. and Entergy Nuclear Operations Inc.
 (Vermont Yankee Nuclear Power Station). Docket No. 50-271-OLA
 September 2006 Evidentiary Hearing
Applicants' Exhibit List**

Party Exh. #	Witness/ Panel	Description	Marked for ID (date/pg)	Offered in Evid. (date/pg)	ACTION:		
					Adm.	Rej.	Wdrn.
Entergy 1	Nichols/Casillas	Resume of Craig Joseph Nichols	09/13/06 Tr. 1149	09/13/06 Tr. 1167	✓		
Entergy 2	Nichols/Casillas	Resume of Jose L. Casillas	09/13/06 Tr. 1150	09/13/06 Tr. 1167	✓		
Entergy 3	Nichols/Casillas	CP&L (Brunswick) Updated FSAR, Rev. 18A: Table 1-3; VY Updated FSAR, Rev. 17, Tables 1.7.1, 1.7.2, 1.7.3, 1.7.4, 1.7.5 and 1.7.6	09/13/06 Tr. 1150	09/13/06 Tr. 1167	✓		
Entergy 4	Nichols/Casillas	NUREG-0800, Standard Review Plan, Draft Rev. 0 – December 2002, Section 14.2.1 "Generic Guidelines for Extended Power Uprate Testing Programs"	09/13/06 Tr. 1151	09/13/06 Tr. 1167	✓		
Entergy 5	Nichols/Casillas	Attachment 7 to Entergy Letter BVY 03-80 -- Vermont Yankee Nuclear Power Station Proposed Technical Specification Change No. 263, Extended Power Uprate – Justification for Exception to Large Transient Testing	09/13/06 Tr. 1151	09/13/06 Tr. 1167	✓		

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USNRC

September 19, 2006 (3:35pm)

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RULEMAKINGS AND
ADJUDICATIONS STAFF

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Entergy 6	Nichols/Casillas	Attachment to Entergy Letter Bvy 03-98 -- Vermont Yankee Nuclear Power Station Proposed Technical Specification Change No. 263, Supplement No. 3 Extended Power Uprate – Updated Information – Justification for Exception to Large Transient Testing	09/13/06 Tr. 1152	09/13/06 Tr. 1167	✓		
Entergy 7	Nichols/Casillas	Final Safety Evaluation Report, Vermont Yankee Nuclear Power Station Extended Power Uprate, Pages 267 – 271	09/13/06 Tr. 1152	09/13/06 Tr. 1167	✓		
Entergy 8	Nichols/Casillas	Global Nuclear Fuel, Supplemental Reload Licensing Report for Vermont Yankee Nuclear Power Station, Reload 24 Cycle 25 (with Extended Power Uprate), Report No. 0000-0035-6443-SRLR (Rev. 0) December 2005, pages 8-10, 13	09/13/06 Tr. 1153	09/13/06 Tr. 1167	✓		
Entergy 9	Nichols/Casillas	Licensee Event Report, Edwin I. Hatch Nuclear Plant – Unit 2, LER No. 1999-005-00, Generator Ground Fault Causes Turbine Trip and Reactor Scram (May 27, 1999)	09/13/06 Tr. 1153	09/13/06 Tr. 1167	✓		
Entergy 10	Nichols/Casillas	Licensee Event Report, Edwin I. Hatch Nuclear Plant – Unit 2, LER No. 50-366/2001-003, Sudden Closure of Main Steam Line Isolation Valve Causes Pressure Increase and Reactor Scram on APRM High Flux (Feb. 14, 2002)	09/13/06 Tr. 1153	09/13/06 Tr. 1167	✓		

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Entergy 11	Nichols/Casillas	Licensee Event Report, Edwin I. Hatch Nuclear Plant – Unit 1, LER No. 50-321/2000-004, Component Failure Causes Turbine Trip and Reactor Scram (Aug. 4, 2000)	09/13/06 Tr. 1154	09/13/06 Tr. 1167	✓		
Entergy 12	Nichols/Casillas	Licensee Event Report, Edwin I. Hatch Nuclear Plant – Unit 1, LER No. 50-321/2001-002 Component Failure Causes Turbine Trip and Reactor Scram (May 21, 2001)	09/13/06 Tr. 1154	09/13/06 Tr. 1167	✓		
Entergy 13	Nichols/Casillas	Licensee Event Report, Brunswick Steam Electric Plant – Unit No. 2, LER No. 2-03-004, Loss of Generator Excitation Results in Reactor Protection System and Other Specified System Actuations (Jan. 5, 2004)	09/13/06 Tr. 1155	09/13/06 Tr. 1167	✓		
Entergy 14	Nichols/Casillas	Licensee Event Report, Dresden Nuclear Power Station – Unit 3, LER No. 2004-001-00, Unit 3 Automatic Scram During Testing of the Main Turbine Master Trip Solenoid Valves (Mar. 24, 2004)	09/13/06 Tr. 1155	09/13/06 Tr. 1167	✓		
Entergy 15	Nichols/Casillas	Licensee Event Report, Dresden Nuclear Power Station – Units 2 and 3, LER No. 2004-002-00, Unit 3 Automatic Scram Due to Main Turbine Low Pressure Trip and Subsequent Discovery of Inoperability of the Units 2 and 3 High Pressure Coolant Injection Systems (Mar. 30, 2004)	09/13/06 Tr. 1156	09/13/06 Tr. 1167	✓		

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Entergy 16	Nichols/Casillas	Licensee Event Report, Dresden Nuclear Power Station – Units 2 and 3, LER No. 2004-003-00, Unit 3 Scram Due to Loss of Offsite Power and Subsequent Inoperability of the Standby Gas Treatment System for Units 2 and 3 (Jul. 6, 2004)	09/13/06 Tr. 1156	09/13/06 Tr. 1167	✓		
Entergy 17	Nichols/Casillas	Licensee Event Report, Vermont Yankee Nuclear Power Station, LER No. 91-05, Reactor Scram due to Mechanical Failure of 345KV Switchyard Bus cause by Broken High Voltage Insulator Stack (Apr. 12, 1991)	09/13/06 Tr. 1156	09/13/06 Tr. 1167	✓		
Entergy 18	Nichols/Casillas	Licensee Event Report, Vermont Yankee Nuclear Power Station, LER No. 91-09, Reactor Scram Due to Loss of Normal Off-site Power (LNP) Caused by Inadequate Procedure Guideline (Jun. 6, 1991)	09/13/06 Tr. 1157	09/13/06 Tr. 1167	✓		
Entergy 19	Nichols/Casillas	Licensee Event Report, Vermont Yankee Nuclear Power Station, LER No. 91-14, Reactor Scram Due to Loss of 345KV Switchyard Caused by Defective Off-Site Carrier Equipment (Jul. 11, 1991)	09/13/06 Tr. 1157	09/13/06 Tr. 1167	✓		
Entergy 20	Nichols/Casillas	Licensee Event Report, Vermont Yankee Nuclear Power Station, LER No. 2004-003-01, Automatic Reactor Scram due to a Main Generator Trip as a result of an Iso-Phase Bus Duct Two-Phase Electrical Fault (Jun. 14, 2005)	09/13/06 Tr. 1158	09/13/06 Tr. 1167	✓		

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Entergy 21	Nichols/Casillas	Licensee Event Report, Vermont Yankee Nuclear Power Station, LER No. 2005-001-00, Reactor Trip Caused by an Electrical Insulator Failure in the 345 kV Switchyard due to a Manufacturing Defect (Sep. 22, 2005)	09/13/06 Tr. 1158	09/13/06 Tr. 1167	✓		
Entergy 22	Nichols/Casillas	Letter from Graham Wallis, Chair, ACRS, to Chairman Nils J. Diaz, NRC, Subject: Vermont Yankee Extended Power Uprate (Jan. 4, 2006)	09/13/06 Tr. 1159	09/13/06 Tr. 1167	✓		
Entergy 23	Nichols/Casillas	Exhibit 1 to Rebuttal Testimony of Craig J. Nichols and Jose L. Casillas On NEC Contention 3 – Large Transient Testing (June 14, 2006), Summary of ODYN Model Reports	09/13/06 Tr. 1160	09/13/06 Tr. 1167	✓		
Entergy 24	Nichols/Casillas	Exhibit 2 to Rebuttal Testimony of Craig J. Nichols and Jose L. Casillas On NEC Contention 3 – Large Transient Testing (June 14, 2006), Summary of ODYN Studies Reports	09/13/06 Tr. 1160	09/13/06 Tr. 1167	✓		
Entergy 25	Nichols/Casillas	General Electric Company Licensing Topical Report -- Constant Pressure Power Uprate, Report No. NEDO-33004P-A, Rev. 4 (Jul. 2003) (Non-Proprietary Version)	09/13/06 Tr. 1161	09/13/06 Tr. 1167	✓		
Entergy 26	Nichols/Casillas	General Electric Company Topical Report, Qualification of the One-Dimensional Core Transient Model for Boiling Water Reactors, Report No. NEDO-24154-A, Vol. 1 (Aug. 1986)	09/13/06 Tr. 1162	09/13/06 Tr. 1167	✓		

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Entergy 27	Nichols/Casillas	General Electric Company Topical Report, Qualification of the One-Dimensional Core Transient Model for Boiling Water Reactors, Report No. NEDO-24154-A, Vol. 2 (Aug. 1986)	09/13/06 Tr. 1162	09/13/06 Tr. 1167	✓		
Entergy 28	Nichols/Casillas	Global Nuclear Fuel, Supplemental Reload Licensing Report for Vermont Yankee Nuclear Power Station, Reload 24 Cycle 25 (with Extended Power Uprate), Report No. 0000-0035-6443-SRLR (Rev. 0) December 2005	09/13/06 Tr. 1163	09/13/06 Tr. 1167	✓		
Entergy 38	Nichols/Casillas	Chart at page 7 of prefiled testimony	09/13/06 Tr. 1172	09/13/06 Tr. 1173	✓		
Entergy 39	Nichols/Casillas	Table 1 attached to prefiled testimony	09/13/06 Tr. 1172	09/13/06 Tr. 1173	✓		