

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR23001	ALL	State of New York Hearing Exhibits List ("NYS Exhibits List")	9/9/2015
NYS000002	NYS-8	State of New York Statement of Position, NYS-8 ("NYS-8 SOP")	12/12/2011
NYSR00003	NYS-8	Pre-filed Testimony of Robert C. Degeneff ("Degeneff PFT")	12/14/2011
NYS000004	NYS-8	Curriculum Vitae of Robert C. Degeneff ("2011 Degeneff CV")	12/12/2011
NYSR00005	NYS-8	Report of Robert C. Degeneff (December 2011) ("2011 Degeneff Report")	12/14/2011
NYS000006	NYS-8	L.F. Blume, Transformer Engineering (1938, 1951 General Electric Company), Excerpted: pp. ix, 1-2 ("Blume")	12/12/2011
NYS000007	NYS-8	Flanagan, The Handbook of Transformer Design & Application, 2nd Edition, McGraw-Hill (1993), Excerpted: pp. 1.1-1.2 ("Flanagan")	12/12/2011
NYS000008	NYS-8	Harlow, James H., <i>Electric Power Transformer Engineering</i> , CRC Press, (2004), Excerpted: pp. xi, 2-1 - 2-2 ("2004 Harlow")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000009	NYS-8	Harlow, James H., <i>Electric Power Transformer Engineering</i> , 2d Edition, CRC Press, (2007), Excerpted: pp. v-vi, 2-1 - 2-2 ("2007 Harlow")	12/12/2011
NYS000010	NYS-8	IEEE Standard Dictionary of Electrical and Electronic Terms, IEEE Std 100-1996, 6th Edition (1996), Excerpted: p. 1131 ("IEEE Dictionary")	12/12/2011
NYSR00011	NYS-8	IEEE Standard Terminology for Power and Distribution Transformers, IEEE Std C57.12.80TM-2010 (Sept. 30, 2010), Excerpted: pp. 39-41 ("IEEE Standard Terminology")	12/14/2011
NYS000012	NYS-8	NUREG/CR-5753, Aging of Safety Class Transformers in Safety Systems of Nuclear Power Plants (February 1996) ("NUREG/CR-5753")	12/12/2011
NYSR0013A-NYSR0013K	NYS-8	UFSAR, Rev. 20, Indian Point Unit 3, Excerpted: Chapter 8 - Electrical Systems (IPEC00035933-IPEC00035963) (submitted with license renewal application) (2007) ("IP3 UFSAR, Rev. 20")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYSR0014A-NYSR0014J	NYS-8, NYS-5	UFSAR, Rev. 20, Indian Point Unit 2(submitted with license renewal application)(2007) ("IP2 UFSAR, Rev. 20")	12/22/2011
NYS000015	NYS-8	Indian Point No. 3 Nuclear Power Plant, Electrical Distribution & Transmission System, DWG NO. 9321-F-33853, REV 17 (electrical drawing) (ML090400895) (Feb. 28, 2008) ("DWG 9321-F-33853")	12/12/2011
NYS000016	NYS-8	Nuclear Power Plant License Renewal; Revisions, 60 Fed. Reg. 22,461 (May 8, 1995)("SOC, 60 Fed. Reg. 22,461")	12/12/2011
NYS000017	NYS-8	IEEE Guide for the Evaluation and Reconditioning of Liquid Immersed Power Transformers [C57.140TM-2006] (April 2007) Excerpted: pp. iv-v, 11-26 ("2007 IEEE Report")	12/12/2011

Revised: September 9, 2015

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 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000018	NYS-8	Sandia National Laboratories, Aging Management Guideline for Commercial Nuclear Power Plants - Power and Distribution Transformers (Contractor Report, SAND93-7068, UC-523, Unlimited Release) (May 1994) Excerpted: pp. iii-vii, 4-1 to 4-25 ("1994 Sandia Report")	12/12/2011
NYS000019	NYS-8	NRC Information Notice 2009-10, Transformers Failures-Recent Operating Experience (Jul. 7, 2009) (ML090540218) ("NRC IN 2009-10")	12/12/2011
NYS000020	NYS-8	Electric Power Research Institute, Plant Support Engineering: Large Transformer End-of-Expected-Life Considerations and the Need for Planning, Final Report, 1013566 (December 2006) ("EPRI PSE Report")	12/12/2011
NYS000021	NYS-8	OECD, Nuclear Energy Agency, <i>Operating Experience Report: Recent Failures of Large Oil-Filled Transformers</i> , NEA/CNRA/R(2001)6 (Mar. 14, 2011) ("NEA Report")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000022	NYS-8	Pacific Gas and Electric Company (PG&E Letter DCL-08-089), Licensee Event Report 2-2008-001-00, Reactor Trip Due to Main Electrical Transformer Failure, Diablo Canyon Unit 2, Docket No. 50-323, OL-DPR-82 (Oct. 15, 2008) (ML082970221) ("Diablo Canyon 2 LER 2-2008-001-00")	12/12/2011
NYS000023	NYS-8	Exelon Nuclear (RA-09-008), Oyster Creek Nuclear Generating Station, Facility Operating License No. DPR-16, NRC Docket No, 50-219, Licensee Event Report 2008-001-00, Automatic Reactor Shutdown Caused by Main Transformer Failure (Jan. 21, 2009)(ML090260082) ("Oyster Creek LER 2008-001-00")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000024	NYS-8	Exelon Nuclear (RA-09-026), Licensee Event Report 2009-001-00, Automatic Reactor Shutdown Caused by Main Transformer Failure, Oyster Creek Nuclear Generating Station, Facility Operating License No. DPR-16, NRC Docket No. 50-219 (Mar. 31, 2009) (ML090970735) ("Oyster Creek LER 2009-001-00")	12/12/2011
NYS000025	NYS-8	Exelon Nuclear, Licensee Event Report 09-001-00, Automatic Reactor Scram Due to Failure of Main Power Transformer Surge Arrestor, LaSalle County Station Unit 1, Facility Operating License No. 11, NRC Docket No. 50-373 (Jul. 20, 2009) (ML092020179) ("LaSalle 1 LER 09-001-00")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000026	NYS-8	Luminant Power (CP-201000074, Log # TXX-10010), Licensee Event Report 445/10-001-00, Trip Due to Pressure Relay Actuation on Main Transformer 01, Comanche Peak Nuclear Power Plant Unit 1, Docket No. 50-445 (Mar. 3, 2010) (ML100740293) ("Comanche Peak 1 LER 445/10-001-00")	12/12/2011
NYS000027	NYS-8	DTE Energy (NRC-10-0043), Licensee Event Report 2010-001, Automatic Reactor Shutdown Due to Generator Current Transformer Wiring Failure, Fermi 2, NRC License No. NPF-43, NRC Docket No. 50-341 (May 19, 2010) (ML101400553) ("Fermi 2 LER 2010-001")	12/12/2011
NYS000028	NYS-8	PSEG Nuclear LLC (LR-N10-0320), Licensee Event Report 272/2010-002, Automatic Reactor Trip Due to Main Power Transformer Bushing Failure, Salem Nuclear Generating Station Unit 1, Facility Operating License No. DPR-70, NRC Docket No. 50-272 (Sept. 2, 2010) (ML102780502) ("Salem 1 LER 272/2010-002")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000029	NYS-8	NRC Integrated Inspection Report 05000327/2010004, 05000328/2010004, Sequoyah Nuclear Plant (Oct. 29, 2010)(ML103020448) ("Sequoyah IR")	12/12/2011
NYS000030	NYS-8	Event Notification Report, Watts Bar Unit 1, Manual Reactor Trip Due to Loss of Cooling to the "A" Phase Main Bank Transformer, Event Number: 46418, Notification Date: 11/14/2010 ("Watts Bar 1 LER 46418")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000031	NYS-8	FPL (L-2010-272), Licensee Event Report 2010-003-00, Reactor Trip Due to Fault on 230kV Side of Generator Step-Up Transformer, Turkey Point Unit 3, NRC Docket No. 50-250 (Nov. 19, 2010)(ML103340517) ("Turkey Point 3 LER 2010-003-00")	12/12/2011
NYS000032	NYS-8	Entergy (NL-11-005), Licensee Event Report 2010-009-00, Automatic Reactor Trip Due to a Turbine Generator Trip Caused by a Fault of the 21 Main Transformer Phase B High Voltage Bushing, Indian Point Unit No. 2, NRC Docket No. 50-247, DPR-26 (Jan. 18, 2011) (ML110280013) ("IP2 LER 2010-009-00")	12/12/2011
NYS000033	NYS-8	Wayne Parry, NJ's Oyster Creek Must Replace New Transformer, Associated Press (Dec. 10, 2010) ("Parry Article")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYSR00034	NYS-8	Electric Power Research Institute, Life Cycle Management Planning Sourcebooks, Volume 4: Large Power Transformers, Final Report, 1007422 (March 2003) ("Transformers Final Report")	12/22/2011
NYS000035	NYS-8	Preliminary Notification of Event or Unusual Occurrence (PNO-III-11-012A), Perry Nuclear Power Plant, Docket No. 50-440, License No. NPF-58, Perry Unplanned Shutdown Greater than 72 Hours (Update) (Oct. 19, 2011) (ML11292A119) ("PNO-III-11-012A")	12/12/2011
NYS000036	NYS-8	Preliminary Notification of Event or Unusual Occurrence (PNO-III-11-015A), Monticello Nuclear Generating Plant, Unplanned Shutdown Greater Than 72 Hours Due to a Loss of the Auxiliary Power Transformer (Update) (Oct. 28, 2011) (ML11301A217) ("PNO-III-11-015A")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000037	NYS-8	Exelon Nuclear (RA11-013), Licensee Event Report 2011-001-00, Automatic Reactor Scram Due to Main Power Transformer "C" Phase Electrical Fault, LaSalle County Station Unit 1, Facility Operating License No. NPF-11, NRC Docket No. 50-373 (Mar. 25, 2011) (ML110890949) ("LaSalle 1 LER 2011-001-00")	12/12/2011
NYS000038	NYS-8	Email String; June 26, 2007 8:24 AM; Subject: Status of Regions Single Point Vulnerable Transformers; From: R.R. Davis; To: D.P. Wiles, M.A. Krupa, C. Reasoner, and K.D. Nichols; CC: K.A. Jelks, M.A. Wood, G.S. Matharu, R.T. Giguere, S. Saunders; June 26, 2007 3:12 PM; Subject: FW: Status of Regions Single Point Vulnerable Transformers; Attachments: SPF Transformer writeup.doc, EN GSU Evaluation FINAL 6-25-2007.doc; From: R.R. Davis; To: R.A. Penny ("Jun. 26, 2007 Email String")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000039	NYS-8	Entergy Nuclear Northeast, Power Transformer Spare Purchase Recommendations, January 4, 2006, John Bonner ("Spare Purchase")	12/12/2011
NYS000040	NYS-8	EN Large Power Transformer Status (Feb. 15, 2007) ("Transformer Status")	12/12/2011
NYS000041	NYS-8	Email; July 18, 2005 6:26 PM; Subject: IPEC Transformer Review; From: J. Bonner; To: G. Bijoor, T.S. McCaffrey, V. Andreozzi; CC: R. Penny, J. Bonner, D. Morris ("Jul. 18, 2005 Email")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000042	NYS-8	Email String; August 7, 2008 2:46 PM; Subject: Risks; From: C. Jackson; To: J.J. Curry; August 7, 2008 3:02 PM; Subject: FW: Risks; From: J.J. Curry; To: C. Caputo; August 11, 2008 2:25 PM; Subject: RE: Risks; From: C. Caputo; To: J.J. Curry, C. Jackson; August 11, 2008 3:11 PM; Subject: RE: Risks; From: C. Jackson; To: C. Caputo, J.J. Curry; August 11, 2008 3:23 PM; Subject: RE: Risks; From: C. Caputo; To: C. Jackson, J.J. Curry ("August 2008 Email String")	12/12/2011
NYS000043	NYS-8	Letter, M.H. Philips, Jr. and W.A. Horin, Nuclear Utility Group on Equipment Qualification to J.C. Hoyle, Acting Secretary, U.S. Nuclear Regulatory Commission (PDR Fiche 9412130158 941208) (Dec. 8, 1994) ("NUGEQ Letter")	12/12/2011
NYS000044	NYS-8	Declaration of Assistant Attorney General Lisa M. Burianek ("PFT Burianek Decl. NYS-8")	12/12/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYSR00045	NYS-37	State of New York Statement of Position, NYS-37 ("NYS-37 SOP")	12/22/2011
NYS000046	NYS-37	Pre-filed Testimony of David A. Schlissel ("Schlissel PFT")	12/14/2011
NYS000047	NYS-37	Pre-filed Testimony of Peter J. Lanzalotta ("Lanzalotta PFT")	12/14/2011
NYS000048	NYS-37	Pre-filed Testimony of Peter A. Bradford ("Bradford PFT")	12/14/2011
NYSR00049	NYS-37	Declaration of Assistant Attorney General Susan C. von Reusner ("PFT von Reusener Decl. NYS-37")	12/22/2011
NYS000050	NYS-37	Curriculum Vitae of David A. Schlissel ("2011 Schlissel CV")	12/14/2011
NYS000051	NYS-37	Declaration of David A. Schlissel (Nov. 28, 2007) (ML073400205) ("2007 Schlissel Decl.")	12/14/2011
NYS000052	NYS-37	<i>Report on the Availability of Replacement Capacity and Energy for Indian Point Units 2 &amp; 3</i> , (Nov. 28, 2007) (ML073400205) ("2007 Synapse Report")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000053	NYS-37	Declaration of David A. Schlissel (Feb. 27, 2009) (ML090690303) ("2009 Schlissel Decl.")	12/14/2011
NYS000054	NYS-37	Declaration of David A. Schlissel (Jan. 31, 2011) (ML110680290) ("2011 Schlissel Decl.")	12/14/2011
NYS000055	NYS-37	National Research Council of the National Academies, Committee on Alternatives to Indian Point for Meeting Energy Needs, <i>Alternatives to the Indian Point Energy Center for Meeting New York Electric Power Needs</i> (June 2006) ("2006 National Research Council")	12/14/2011
NYS000056	NYS-37, NYS-17B	<i>Indian Point Retirement Options, Replacement Generation, Decommissioning/Spent Fuel Issues, and Local Economic/Rate Impacts</i> , prepared for the County of Westchester and the County of Westchester Public Utility Service Agency, by Levitan & Associates, Inc. (Jun. 9, 2005) ("2005 Levitan Report")	12/14/2011
NYS000057	NYS-37	NYISO, <i>2010 Summer Outlook</i> (May 27, 2010) ("2010 NYISO Summer Outlook")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000058	NYS-37	NYISO, 2010 Reliability Needs Assessment Final Report (September 2010) Excerpted: pp. ES-i, 4, 9, 12, 17, C-3, C-4 ("2010 NYISO RNA Report")	12/14/2011
NYS000059	NYS-37	NYISO, 2009 Annual Report: Energizing the Empire State Excerpted: p. 6 ("2009 NYISO Energizing Annual Report")	12/14/2011
NYS000060	NYS-37	<i>Electric &amp; Natural Gas Efficiency Potential in New York</i> , presentation by Philip Mosenthal, Optimal Energy, Inc. at the New York State Public Service Commission Energy Efficiency Portfolio Standard Overview Forum (Jul. 19, 2007) ("2007 Optimal Slide")	12/14/2011
NYS000061	NYS-37	NYS PSC, Order, Establishing Energy Efficiency Portfolio Standard and Appraising Programs, Case No. 07-M-0548 (Jun. 23, 2008) Excerpted: pp. 1-3 ("June 2008 NYS PSC Order")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000062	NYS-37	New York State Energy Plan, <i>Energy Efficiency Assessment</i> (December 2009) Excerpted: Overview and pp. 1-3, 28-29 ("2009 NYS Energy Efficiency Assessment")	12/14/2011
NYS000063	NYS-37	Optimal Energy, Inc., <i>Achievable Electric Energy Efficiency Potential in New York State</i> (2008) Excerpted: pp. 5-6 ("2008 Optimal Report")	12/14/2011
NYS000064	NYS-37	NYISO, Reliability Summary 2009-2018 Excerpted: pp. 5-6 ("2009-2018 NYISO Reliability Summary")	12/14/2011
NYS000065	NYS-37	Section 8.2.5. "Utility Sponsored Conservation," Shearon Harris FSEIS, NUREG-1437, Supplement 33 (August 2008) Excerpted: pp. 8-63-68 ("2008 Shearon Harris FSEIS")	12/14/2011
NYS000066	NYS-37	Section 8.3 "Energy Conservation/Energy Efficiency," Three Mile Island FSEIS, NUREG-1437, Supplement 37 (June 2009) Excerpted: pp. 8-25-30 ("2009 Three Mile Island FSEIS")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000067	NYS-37	Governor David A. Paterson, Our Time to Lead: State of the State Address (2009) ("2009 Paterson Address")	12/14/2011
NYS000068	NYS-37	New York State Energy Planning Board, 2009 NYS Energy Plan: Renewable Energy Assessment (December 2009) ("2009 NYS REA")	12/14/2011
NYS000069	NYS-37	NYISO, Integration of Wind into System Dispatch, A New York ISO White Paper (October 2008) Excerpted: pp. 1-1, 5-1 ("2008 Integration of Wind")	12/14/2011
NYS000070	NYS-37	NYISO, Growing Wind: Final Report of the NYISO 2010 Wind Generation Study (September 2010) Excerpted: pp. i-v ("2010 NYISO Growing Wind Report")	12/14/2011
NYS000071	NYS-37	GE Financial Services, New Jersey's and New York City's Electricity Systems Now Talking to Each Other, Thanks to GE's Smart Grid Technology & Smart Capital, Press Release (Dec. 8, 2009) ("2009 Smart Press Release")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000072	NYS-37	NYS PSC, Commission Approves Transmission Line to NYS: Power Line Would Improve Reliability, Increase Supply, Press Release (Sept. 8, 2010) ("2010 NYS PSC Press Release")	12/14/2011
NYS000073	NYS-37	Cavallo Energy, Cavallo Cross Hudson Management LLC Accepting Open Season Applications for New Transmission Capacity from New Jersey to New York (May 26, 2010) ("2010 Cavallo Press Release")	12/14/2011
NYS000074	NYS-37	London Economics International, LLC, Projected Energy Market, Capacity Market and Emissions Impact Analysis of the Champlain-Hudson Power Express Transmission Project for New York (Jul. 16, 2010) Excerpted: pp. 1, 7-14 ("2010 LEI Study")	12/14/2011
NYS000075	NYS-37	NYS PSC, PSC Correspondence, Case No. 06-T-0650, (Issued Apr. 21, 2009) ("April 2009 NYS PSC Correspondence")	12/14/2011

Revised: September 9, 2015

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Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000076	NYS-37	United States Department of Energy, Champlain Hudson Power Express EIS, Docket # PP-362, main home page, available at <a href="http://chpexpresseis.org">http://chpexpresseis.org</a> ("CHPET")	12/14/2011
NYS000077	NYS-37	NRG Astoria Gas Turbine Power LLC - Repowering Project, State Environmental Quality Review (SEQR), Scoping Document for Draft Environmental Impact Statement (Oct. 8, 2008) Excerpted: p. 3 ("2008 Astoria Scoping")	12/14/2011
NYS000078	NYS-37	Report and Recommendations Concerning the Little Gypsy Unit 3 Repowering Project, submitted by Entergy Louisiana to the Louisiana Public Service Commission (Apr. 1, 2009) ("2009 Little Gypsy Unit 3 Report")	12/14/2011
NYS000079	NYS-37	Remarks by Governor Eliot Spitzer, "15 by 15:" A Clean Energy Strategy for New York (Apr. 19, 2007) ("2007 Spitzer's 15 x 15")	12/14/2011

Revised: September 9, 2015

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NYS000080	NYS-37	Optimal Energy, Inc., <i>Energy Efficiency and Renewable Energy Resource Development Potential in New York State, Final Report, Volume One: Summary Report</i> (August 2003) ("2003 Optimal Report")	12/14/2011
NYS000081	NYS-37	NYS PSC, Order, Approving "Fast Track" Utility-Administered Electric Energy Efficiency Programs with Modifications, Case Nos. 08-E-1003, 08-E-1007, 08-E-1014, and 08-E-1019 (Jan. 16, 2009) Excerpted: pp. 1-4 ("January 2009 NYS PSC Order")	12/14/2011
NYS000082	NYS-37	<i>New York's Solar Roadmap; A Plan for Energy Reliability, Security, Environmental Responsibility and Economic Development in New York State</i> (May 2007) Excerpted: Executive Summary ("Solar Roadmap")	12/14/2011
NYS000083	NYS-37	NYSERDA, <i>Combined Heat and Power, Market Potential for New York State</i> , Final Report 02-12 (October 2002) Excerpted: ES-1-ES-11 ("2002 NYSERDA Final Report")	12/14/2011

Revised: September 9, 2015

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 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000084	NYS-37	<i>The Feasibility of Re-Powering KeySpan's Long Island Electric Generating Plants to Meet Future Energy Needs</i> , Long Island University, Center for Management Analysis (Aug. 6, 2002) Excerpted: pp. 7-8 ("2002 LIU Study")	12/14/2011
NYS000085	NYS-37	<i>Wind Integration Study - Final Report</i> , prepared for Xcel Energy and the Minnesota Department of Commerce by EnerNex Corporation and Wind Logics, Inc. (Sept. 28, 2004) Excerpted: Project Summary ("2004 EnerNex Study")	12/14/2011
NYS000086	NYS-37	NYSERDA, <i>Wind Powering America: New York</i> ("NY Wind Power")	12/14/2011
NYS000087	NYS-37	<i>The Effects of Integrating Wind Power on Transmission System Planning, Reliability, and Operations, Report on Phase 1, Preliminary Overall Reliability Assessment</i> , prepared for NYSDERA by GE Energy Consulting (2004) Excerpted: pp. ii-iii, vi-ix, 2.1-2.9 ("2004 Phase 1 Report")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000088	NYS-37	<i>The Effects of Integrating Wind Power on Transmission System Planning, Reliability, and Operations, Report on Phase 2, System Performance Evaluation</i> , prepared for NYSDERA by GE Energy Consulting (March 2005) Excerpted: pp. v-x, 1.1-2.16 ("2005 Phase 2 Report")	12/14/2011
NYS000089	NYS-37	NYSDERA, <i>New York State Renewable Portfolio Standard Performance Report for the Program Period ending March 2007</i> (August 2007) Excerpted: p. ES-2 ("March 2007 NYS RPS Report")	12/14/2011
NYS000090	NYS-37	<i>The Proposed Broadwater LNG Import Terminal Update of Synapse Analysis</i> (Jan. 19, 2007) ("2007 Broadwater Update")	12/14/2011
NYS000091	NYS-37	Astoria Repowering Project, <i>Progress Report to Stakeholders and Interested Parties</i> (July 2010) ("2010 Astoria Repowering Report")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000092	NYS-37	Remizowski, Leigh, <i>\$1.5B makeover for NRG Energy power plants means better air for residents</i> , New York Daily News (Apr. 25, 2010) ("2010 Remizowski")	12/14/2011
NYS000093	NYS-37	NYPA, <i>NYPA to Cease Operations of Queens Power Plant on January 31st</i> , Press Release (Jan. 29, 2010) ("2010 NYPA Press Release")	12/14/2011
NYS000094	NYS-37	Empire Generating Co., LLC, Project Timeline as of May 19, 2010 ("2010 Empire Project Timeline")	12/14/2011
NYS000095	NYS-37	"Estimate Places Natural Gas Reserves 35 percent Higher," <i>New York Times</i> (Jun. 18, 2009) ("2009 NYT Article")	12/14/2011
NYS000096	NYS-37	NYISO, 2007 Load and Capacity Data Excerpted: pp. 1-9 ("2007 NYS Data")	12/14/2011
NYS000097	NYS-37	Curriculum Vitae of Peter J. Lanzalotta ("2011 Lanzalotta CV")	12/14/2011
NYS000098	NYS-37	Declaration of Peter J. Lanzalotta (Feb. 1, 2011)(ML110680290) ("2011 Lanzalotta Decl.")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000099	NYS-37	NYISO's 2009 Comprehensive Review of Resource Adequacy: Covering the New York Control Area for the period 2010 to 2014 (Mar. 10, 2010) ("2010 NYISO NYCA Resource Adequacy")	12/14/2011
NYS000100	NYS-37	NYISO, 2010 Load & Capacity Data - "Gold Book" (April 2010) Excerpted: pp. 5-8 ("2010 NYISO Gold Book")	12/14/2011
NYS000101	NYS-37	Wilderness Society, et al. v. U.S. Dept. of Energy (9th Cir. No. 08-71074) (Feb. 1, 2011) ("Wilderness Society")	12/14/2011
NYS000102	NYS-37	FERC Docket No. OA08-52-003, New York Independent System Operator, Inc., Order on Rehearing, 126 FERC ¶ 61,320 (Issued Mar. 31, 2009) Excerpted: pp. 1-2 ("2009 Order on Rehearing")	12/14/2011
NYS000103	NYS-37	NYISO, Final Report, Comprehensive Reliability Plan: Comprehensive System Planning Process (May 19, 2009) Excerpted: p.1 ("2009 NYISO Reliability Annual Report")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000104	NYS-37	Curriculum Vitae of Peter A. Bradford ("2011 Bradford CV")	12/14/2011
NYS000105	NYS-37	Declaration of Peter A. Bradford, dated November 28, 2007 (ML073400205) ("2007 Bradford Decl.")	12/14/2011
NYS000106	NYS-37	Declaration of Peter A. Bradford, dated February 2, 2011 (ML110680290) ("2011 Bradford Decl.")	12/14/2011
NYS000107	NYS-37	Power NY Act of 2011 ("2011 NY Power Act")	12/14/2011
NYS000108	NYS-37	NYISO, <i>Power Trends 2010: New York's Emerging Energy Crossroads</i> (April 2010) ("2010 NYISO Power Trends")	12/14/2011
NYS000109	NYS-37	New York State Energy Planning Board, <i>2009 NYS Energy Plan: Energy Demand and Price Forecasts</i> (December 2009) Excerpted: p. 10 ("2009 NYS Energy Forecasts")	12/14/2011
NYS000110	NYS-37	NYISO News Release, <i>New York Sets Power Usage Record in July: Summer Heat Spurs Electricity Demand</i> (Aug. 9, 2010) ("2010 NYISO Press Release")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000111	NYS-37	NYS PSC, Order, Granting Certificate of Environmental Capability and Public Need, Case No. 08-T-0034 (September 15, 2010) Excerpted: pp. 44-47 ("Sept. 15, 2010 NYS PSC Order")	12/14/2011
NYS000112	NYS-37	ACEEE, 2010 State Energy Efficiency Scorecard, Excerpted: p. 1-5 ("2010 ACEEE Scorecard")	12/14/2011
NYS000113	NYS-37	NYSERDA, New York's Clean-Energy Economy, 2009-2010 Annual Report ("NYSERDA 2010 Clean Energy Report")	12/14/2011
NYS000114	NYS-37	Susan Tierney, The Analysis Group, <i>The New York Independent System Operator: A Ten-Year Review</i> (Apr. 12, 2010) Excerpted: p. 50 ("2010 Tierney Review")	12/14/2011
NYS000115	NYS-37	United States Energy Information Administration, Department of Energy, <i>Annual Energy Outlook 2010 with Projections to 2035</i> (April 2010) Excerpted: Executive Summary ("2010 Energy Outlook")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000116	NYS-37	Gerald Warburg, <i>A Study of NRC Procedures for Assessing Need for Power and Alternative Energy Sources in Fulfillment of the NEPA Requirements for Environmental Impact Statements</i> (July 1979) ("1979 Warburg Study")	12/14/2011
NYS000117	NYS-37	NYSERDA, <i>New York State Renewable Portfolio Standard Performance Report Program Period December 31, 2010</i> ("2010 NYS RPS Report")	12/14/2011
NYS000118	NYS-37	SMUD's history: 1990: Moving Into Leadership on Green Energy, Conservation ("SMUD History")	12/14/2011
NYS000119	NYS-37	<i>Energy Choices Revisited: An Examination of the Costs and Benefits of Maine's Energy Policy</i> , a study for Mainewatch Institute by Economic Research Associates, the American Council for an Energy Efficient Economy and the Tellus Institute (1994) Excerpted: Executive Summary, pp. 1-7 ("1994 Mainewatch Study")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000120	NYS-37	Goldman, C., J. Eto, and G. Barbose, <i>California customer load reductions during the electricity crisis: did they help to keep the lights on?</i> (LBNL-49733) (May 2002) Excerpted: Abstract ("2002 Eto Paper")	12/14/2011
NYS000121	NYS-37	<i>Energy Efficiency: California's Highest Priority Resource</i> , California Public Utilities Commission and California Energy Commission (June 2006) Excerpted: p. 4 ("2006 CPUC and CEC Report")	12/14/2011
NYS000122	NYS-37	New York State Energy Planning Board, <i>New York State Energy Plan, Natural Gas Assessment</i> (December 2009) Excerpted: p. 9 ("2009 NYS NGA")	12/14/2011
NYS000123	NYS-37	NYISO, <i>2010 Comprehensive Reliability Plan</i> (Jan. 11, 2011) Excerpted: pp. iii, 8-9 ("2010 NYISO Reliability Plan")	12/14/2011
NYS000124	NYS-37	NYS PSC, Order, Authorizing Workforce Development Initiatives, Case 07-M-0548, (Jun. 22, 2009) ("June 2009 NYS PSC Order")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000125	NYS-37	56 Fed. Reg. 47,016, Environmental Review for Renewal of Operating Licenses - Part 51 (Sept. 17, 1991) ("56 Fed. Reg. 47,016")	12/14/2011
NYS000126	NYS-37	NUREG-1440, <i>Regulatory Analysis of Proposed Amendments to Regulations Concerning the Environmental Review for Renewal of Nuclear Power Plant Operating Licenses: Draft Report for Comment</i> (August 1991) ("1991 NUREG-1440 Draft for Comment")	12/14/2011
NYS000127	NYS-37, NYS-17B	61 Fed. Reg. 28,467, Environmental Review for Renewal of Nuclear Power Plant Operating Licenses (Jun. 5, 1996) ("61 Fed. Reg. 28,467")	12/14/2011
NYS000128	NYS-37	61 Fed. Reg. 66,537, Environmental Review for Renewal of Nuclear Power Plant Operating Licenses (Dec. 18, 1996) ("61 Fed. Reg. 66,537")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000129	NYS-37	National Renewable Energy Laboratory, <i>Land-Use Requirements of Modern Wind Power Plants in the United States</i> , Paul Denholm, Maureen Hand, Maddalena Jackson, and Sean Ong (August 2009) Excerpted: p. 22 ("2009 NREL Report")	12/14/2011
NYS000130	NYS-37	68 Fed. Reg. 55,905, Denial of Petition for Rulemaking (Sept. 29, 2003) ("68 Fed. Reg. 55,905")	12/14/2011
NYS00131A- NYS00131I	NYS-37	NUREG-1437, <i>Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Main Report, Volumes 1 and 2</i> (May 1996) ("GEIS")	12/14/2011
NYS00132A- NYS00132D	NYS-37, NYS-16B, NYS-17B, NYS-12C	NUREG-1437, <i>Draft Supplemental Environmental Impact Statement for License Renewal of Nuclear Plants: Regarding Indian Point Units 2 and 3, Supplement 38, Volumes 1 and 2</i> (December 2008) ("DSEIS")	12/14/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00133A- NYS00133D	NYS-37, NYS-16B, NYS-17B, NYS-12C	NUREG-1437, <i>Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Regarding Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement 38, Volume 1</i> (December 2010) ("FSEIS")	12/14/2011
NYS00133E- NYS00133J	NYS-37, NYS-16B, NYS-17B, NYS-12C	NUREG-1437, <i>Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Regarding Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement 38, Volumes 2 and 3</i> (December 2010) ("FSEIS")	12/16/2011
NYS000134	NYS-37, 17B	New York State Attorney General, Comments on the Draft Supplemental Environmental Impact Statement, Indian Point Units 2 and 3 (Mar. 19, 2009)(ML090771328)("2009 NYS AG Comments")	12/14/2011
NYS000135	NYS-6/7	State of New York Statement of Position, NYS-6/7 ("NYS-6/7 SOP")	12/15/2011
NYS000136	NYS-6/7	Pre-filed Testimony of Earle Bascom ("Bascom PFT")	12/15/2011
NYS000137	NYS-6/7	Bio of Earle Bascom ("2011 Bascom CV")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000138	NYS-6/7	Report of Earle Bascom in Support of Contentions NYS-6/7 ("2011 Bascom Report")	12/15/2011
NYS000139	NYS-6/7	T. Miyashita, "Deterioration of Water-Immersed Polyethylene-Coated Wire by Treeing," IEEE Transactions on Electrical Insulation (September 1971)("Miyashita")	12/15/2011
NYSR00140	NYS-6/7	L. A. Dissado and J.C. Fothergill, Electrical Degradation and Breakdown in Polymers, IEE Materials and Devices Series 9 (1992) Excerpted: p. 18-19 ("Dissado")	12/22/2011
NYS000141	NYS-6/7	S. Boggs, J. Densley, and J. Kuang, "Mechanism for Impulse Conversion of Water Trees to Electrical Trees in XLPE," IEEE Trans. Power Del., Vol. 13, No. 2 (Apr. 1998) ("Boggs")	12/15/2011
NYS000142	NYS-6/7	C.T. Meyer and A. Chamel, "Water and Ion Absorption by Polyethylene in Relation to Water Treeing," IEEE Transactions on Electrical Insulation, Vol. EI-15, No. 5 (October 1980) ("Meyer")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000143	NYS-6/7	R. Ross, "Water Treeing Theories – Current Status, Views and Aims," Proceedings of 1998 International Symposium on Electrical Insulating Materials, in conjunction with 1998 Asian International Conference on Dielectrics and Electrical Insulation and the 30th Symposium on Electrical Insulating Materials, Toyohashi, Japan (Sept. 27-30, 1998) ("Ross")	12/15/2011
NYS000144	NYS-6/7	N. Hampton, R. Hartlein, et. al., "Long-Life XLPE Insulated Power Cable," Jicable (2007) ("Hampton")	12/15/2011
NYS000145	NYS-6/7	W. Shu, S.A. Boggs, "Effect of Cable Restoration Fluid on Inhibiting Water Tree Initiation", IEEE Transactions on Power Delivery, Vol. 26, No. 1 (January 2011) ("Shu")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00146A- NYS00146C	NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1801, Rev. 1, Volumes 1 and 2, Generic Aging Lessons Learned (GALL) Report (September 2005) ("GALL Rev 1")	12/15/2011
NYS00147A- NYS00147D	NYS-6/7, NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1801, Rev. 2, Generic Aging Lessons Leared (GALL) Report, Final Report (December 2010) ("GALL Rev 2")	12/15/2011
NYS000148	NYS-6/7	NUREG/CR-7000, BNL-NUREG-90318-2009, "Essential Elements of an Electric Cable Condition Monitoring Program," Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission (January 2010) ("NUREG/CR-7000")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000149	NYS-6/7	NRC Generic Letter 2007-01: Inaccessible or Underground Power Cable Failures That Disable Accident Mitigation Systems or Cause Plant Transients (Feb. 7, 2007) ("Generic Letter 2007-01")	12/15/2011
NYS000150	NYS-6/7, NYS-38/RK-TC-5	NRC Request For Additional Information For The Review Of The Indian Point Nuclear Generating Unit Number 2 and 3 (Feb. 10, 2011) ("RAI")	12/15/2011
NYS000151	NYS-6/7, NYS-5, NYS-38/RK-TC-5	Entergy Response (NL-11-032) to Request for Additional Information (RAI), Aging Management Programs, Indian Point Nuclear Generating Unit Nos. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Mar. 28, 2011) ("Entergy's March 28 Response")	12/15/2011
NYS000152	NYS-6/7, NYS-5, NYS-38/RK-TC-5	Entergy Response (NL-11-074) to Request for Additional Information (RAI), Aging Management Programs, Indian Point Nuclear Generating Unit Nos. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Jul. 14, 2011) ("Entergy's July 14 Response")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000153	NYS-6/7, NYS-38/RK-TC-5	Entergy Response (NL-11-090) to Request for Additional Information for the Review Of The Indian Point Nuclear Generating Unit Number 2 and 3 (Jul. 27, 2011) ("Entergy's July 27 Response")	12/15/2011
NYS000154	NYS-6/7, NYS-5, NYS-38/RK-TC-5	Entergy Clarification (NL-11-096) for Request for Additional Information (RAI), Aging Management Programs, Indian Point Nuclear Generating Unit Nos. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Aug. 9, 2011) ("Entergy's August 9 Response")	12/15/2011
NYS000155	NYS-6/7	Inquiry Into The Auckland Power Supply Failure, Technical Report - Cable Failures, Integral Energy Australia (May 5, 1998) ("Auckland")	12/15/2011
NYS00156A-NYS00156E	NYS-6/7	SAND96-0344, "Aging Management Guideline for Commercial Nuclear Power Plants - Electrical Cable and Terminations (September 1996) ("SAND96-0344")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000157	NYS-6/7	EPRI, Technical Report (1003664), "Medium-Voltage Cables in Nuclear Plant Applications - State of Industry and Condition Monitoring," Final Report (October 2003) ("EPRI 1003664")	12/15/2011
NYS000158	NYS-6/7	EPRI, "Plant Support Engineering: Aging Management Program Guidance for Medium-Voltage Cable Systems for Nuclear Power Plants," Final Report (1020805) (June 2010) ("EPRI 1020805")	12/15/2011
NYSR00159	NYS-6/7	Entergy (NL-07-153) Amendment 1 to License Renewal Application, Excerpted: Attachment 3 - AMP Audit at 32-33 (Dec. 18, 2007) (ML073650195) ("LRA Amendment 1")	10/1/2012
NYS000160	NYS-6/7, NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement No. 1, Docket Nos. 50-247 and 50-286 (August 2011) ("NUREG-1930 SSER")	12/15/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000161	NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1800, Final Report, Rev. 2, Standard Review Plan for Review of License Renewal Applications for Nuclear Plants (December 2010 version) ("SRP Rev 2")	12/15/2011
NYS000162	NYS-6/7	Declaration of Assistant Attorney General Lisa Feiner ("PFT Feiner Decl.")	12/15/2011
NYSR00163	NYS-5	State of New York Statement of Position, NYS-5 ("NYS-5 SOP")	12/22/2011
NYS000164	NYS-5	Pre-filed Testimony of David J. Duquette ("Duquette PFT")	12/16/2011
NYS000165	NYS-5	Report of Dr. David J. Duquette ("2011 Duquette Report")	12/16/2011
NYS000166	NYS-5, NYS-38/RK-TC-5	Curriculum Vitae of David J. Duquette ("2011 Duquette CV")	12/16/2011
NYS000167	NYS-5	EPRI Report 1016456: Recommendations for an Effective Program to Control the Degradation of Buried Pipe ("EPRI 1016456")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000168	NYS-5	Guideline for the Management of Underground Piping and Tank Integrity", NEI 09-14 (Rev.1) (December 2010) ("NEI 09-14 Rev. 1")	12/16/2011
NYS000169	NYS-5	Buried Pipe Integrity Task Force, "Industry Guidance for the Development of Inspection Plans for Buried Piping" (April 2011) ("NEI Task Force")	12/16/2011
NYS000170	NYS-5	Entergy, Condition Report, CR-IP2-2009-00666 (Feb. 15, 2009) attaching Structural Integrity Associates' Analysis of 8" Condensate Return Line Failure (May 15, 2009) ("Feb. 2009 CR-IP2-2009-00666")	12/16/2011
NYS000171	NYS-5	Entergy (NL-09-111), Additional Information Regarding Renewal Application-IPEC RAI 2.3A.3.11-1 and Buried Piping and Tanks Inspection Clarifications, Indian Point Nuclear Generating Unit Nos. 2 and 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Aug. 6, 2009) (ML092250374), Excerpted: Attachment 1 ("NL-09-111")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000172	NYS-5	Entergy, Nuclear Management Manual, EN-DC-343, Rev. 4, Underground Piping and Tanks Inspection and Monitoring Program (May 16, 2011)("EN-DC-343")	12/16/2011
NYS000173	NYS-5	CEP-UPT-0100, Rev. 0, Underground Piping and Tanks Inspection and Monitoring (IPEC00234964) ("CEP-UPT-0100")	12/16/2011
NYS000174	NYS-5	SEP-UIP-IPEC, Rev. 0, Underground Components Inspection Plan (IPEC00234037) ("SEP-UIP-IPEC")	12/16/2011
NYS000175	NYS-5	Structural Integrity Associates' Analysis of 8" Condensate Return Line Failure (May 15, 2009) ("SIA Analysis")	12/16/2011
NYS000176	NYS-5	Letter, Alexander Marion (NEI) to Eric J. Leeds (NRC Office of Nuclear Reactor Regulation) (Nov. 3, 2010) ("NEI Letter")	12/16/2011
NYS000177	NYS-5	Entergy, Corrective Action, Condition Report (CR-IP2-2005-03902) (Oct. 31, 2005) ("CR-IP2-2005-03902")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000178	NYS-5	PCA Engineering, Inc., "Corrosion/Cathodic Protection Field Survey and Assessment of Underground Structures at Indian Point Energy Center Unit Nos. 2 and 3 during October 2008" Nov. 10, 2008 (Revised Dec. 2, 2008)(Engineering Report No. IP-RPT-09-00011, Rev. 0) ("PCA Report")	12/16/2011
NYS000179	NYS-5	Root Cause Analysis Report, CST Underground Recirc Line Leak, CR-IP2-2009-00666, Rev. 0 (May 14, 2009) ("May 2009 CR-IP2-2009-00666")	12/16/2011
NYS000180	NYS-5	Entergy, Corrective Action, LO-IP3LO-2008-00151 (Dec. 30, 2008) ("LO-IP3LO-2008-00151")	12/16/2011
NYS000181	NYS-5	NRC Inspector General, Audit of NRC's Management of Licensee Commitments, OIG-A-17 (Sept. 19, 2011) ("OIG-A-17")	12/16/2011
NYS000182	NYS-5	NRC, Preliminary Listing of Events Involving Tritium Leaks (Mar. 28, 2006) (ML060930382) ("Tritium Leaks")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000183	NYS-5	NRC Preliminary Notification of Event or Unusual Occurrence PNO-RIII-05-016A, "Potential Off-site Migration of Tritium Contamination (Update)" (Dec. 7, 2005) (ML053410293) ("PNO-RIII-05-016A")	12/16/2011
NYS000184	NYS-5	NRC Preliminary Notification of Event or Unusual Occurrence, PNO-IV-06-001, "Followup For Tritium Contamination Found In Water Onsite" (Mar. 17, 2006) (ML060760584) ("PNO-IV-06-001")	12/16/2011
NYS000185	NYS-5	Ken Alltucker, Radioactive Water Found at Palo Verde, The Arizona Republic (Mar. 4, 2006) ("Alltucker Article")	12/16/2011
NYS000186	NYS-5	NRC Preliminary Notification of Event or Unusual Occurrence, PNO-II-07-012, "Onsite Groundwater Tritium Contamination" (Oct. 11, 2007) (ML073111396) ("PNO-II-07-012")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000187	NYS-5	NRC Preliminary Notification of Event or Unusual Occurrence, PNO-III-08-011, "Tritium Leakage" (Oct. 16, 2007) (ML072890262) ("PNO-III-08-011")	12/16/2011
NYS000188	NYS-5	NRC Preliminary Notification of Event or Unusual Occurrence, PNO-III-07-012, "Both Units at Byron Shut Down Due to a Leak in Pipe" (Oct. 23, 2007) (ML072960109) ("PNO-III-07-012")	12/16/2011
NYS000189	NYS-5	NRC Press Release No. III-07-24, "NRC Begins Special Inspection at Byron Nuclear Station to Review Corrosion and Leakage of Equipment Cooling Water Pipe" (Oct. 23, 2007) (ML072960643) ("III-07-24")	12/16/2011
NYS000190	NYS-5	NRC Information Notice 2004-05, NRC Office of Nuclear Reactor Regulation, "Spent Fuel Pool Leakage To Onsite Groundwater," (Salem, New Jersey, Nuclear Power Generating Station)(Mar. 3, 2004) ("NRC IN 2004-05")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000191	NYS-5	NRC Information Notice 2006-13, NRC Office of Nuclear Reactor Regulation, "Ground-Water Contamination Due to Undetected Leakage of Radioactive Water," (discussing leaks at Haddam Neck and other nuclear power plants) (Jul. 10, 2006) ("NRC IN 2006-13")	12/16/2011
NYS000192	NYS-5	General Accounting Office, Information on the Tritium Leak and Contractor Dismissal at the Brookhaven National Laboratory(GAO/RCED-98-26) (November 1997) ("GAO Report on Tritium")	12/16/2011
NYS000193	NYS-5	Greg Clary, New Tritium Leak Found at Indian Point, Poughkeepsie Journal News (Apr. 24, 2007) ("Clary Article")	12/16/2011
NYS000194	NYS-5	Email, Kathleen McMullin (Entergy) to Eugene Coby, et al. (NRC), "IPEC status report for Sept. 6 2007" (ML072970221) ("McMullin Email")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000195	NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1800, Rev. 1, Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants (September 2005 version) ("SRP Rev 1")	12/16/2011
NYS000196	NYS-5	Email, Harold Gray to Keith Hoffman and Robert Hardies, cc Richard Conte and Timothy Lupold, Subject line: FW: Buried piping - Proposed NRC Action (Apr. 23, 2010) ("Gray Email")	12/16/2011
NYS000197	NYS-5	Email, Burroni, Richard J (Entergy) to Lee, Robert C; Azevedo, Nelson F; Orlando, Caputo, Charles; Mayer, Donald M, RE: J Pollock review Friday-ISE R-7 Recommendation (Aug. 12, 2008) ("Burroni Email")	12/16/2011
NYS000198	NYS-5	Email, Kimberly Green to Michael Stroud and Donna Tyner, Subject: Draft Telecon Summaries (Aug. 10, 2009)(ML092220768) ("Green Email")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000199	NYS-5, NYS-38/RK-TC-5	NRC Letter, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Numbers 2 and 3, License Renewal Application" (Feb. 10, 2011) ("Feb. RAI")	12/16/2011
NYS000200	NYS-5	NRC Letter, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Numbers 2 and 3, License Renewal Application" (Jun. 15, 2011) ("Jun. RAI")	12/16/2011
NYS000201	NYS-5	Entergy, Nuclear Management Manual, EN-DC-343, Rev. 0, Underground Piping and Tanks Inspection and Monitoring Program (IPEC00071653)("EN-DC-343")	12/16/2011
NYS000202	NYS-5	Regarding corrective action on buried piping at Indian Point (CR-IP2-2008-04754) (Dec. 11, 2008)	12/16/2011
NYS000203	NYS-5	Letter, Fred Dacimo (Entergy) to U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, NL-09-106 (July 27, 2009)	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000204	NYS-5	Letter, Paul Bessette to Janice A. Dean (Nov. 17, 2009) ("Bessette Letter")	12/16/2011
NYSR00205	NYS-5	Declaration of Assistant Attorney General Janice A. Dean ("PFT Dean Decl.")	12/22/2011
NYS000206	NYS-16B	State of New York Statement of Position, NYS-16B ("NYS-16B SOP")	12/16/2011
NYS000207	NYS-16B	Pre-filed Testimony of Stephen C. Sheppard ("Sheppard PFT NYS-16B")	12/16/2011
NYS000208	NYS-16B, NYS-17B	Curriculum Vitae of Stephen C. Sheppard ("2011 Sheppard CV")	12/16/2011
NYS000209	NYS-16B	Report of Stephen C. Sheppard ("2011 Sheppard Report NYS-16B")	12/16/2011
NYS000210	NYS-16B	Declaration of Assistant Attorney General Kathryn Liberatore ("PFT Liberatore Decl. NYS-16B")	12/16/2011
NYSR00211	NYS-16B	Enercon, Site Specific MACCS2 Input Data for Indian Point Energy Center, Revision 1 (Dec. 1, 2009) Excerpted: pp. 1-1 to 1-3 and 2-1 to 2-7 ("Consultant's Report")	2/14/2013

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000212	NYS-16B	J.G. Robinson, B. Ahmed, P.D. Gupta and K.A. Woodrow, "Estimation of Population Coverage in the 1990 United States Census Based on Demographic Analysis," Journal of the American Statistical Association, Vol. 88, No. 423 (September 1993) ("Robinson Paper")	12/16/2011
NYS000213	NYS-16B	U.S. Census Monitoring Board, Presidential Members Final Report to Congress (Sept. 1, 2001) ("U.S. Census Monitoring Board Report")	12/16/2011
NYS000214	NYS-16B	J.G. Robinson, ESCAP II: Demographic Analysis Results, Executive Steering Committee for A.C.E. Policy II Report No. 1 (Oct. 13, 2001) ("ESCAP II")	12/16/2011
NYS000215	NYS-16B	County-to-County Worker Flow Files for Connecticut, New Jersey, New York, and Pennsylvania ("Worker Flow Files")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000216	NYS-16B	NUREG/CR-6613, SAND97-0594, D. Chanin, M.L. Young, J. Randall and K. Jamali, Code Manual for MACCS2: Volume 1, User's Guide (May 1998), Excerpted: pp. 2-1 to 2-2 ("1998 MACCS2 Code Manual")	12/16/2011
NYS000217	NYS-16B	License Renewal Application-SAMA Reanalysis Using Alternate Meteorological Tower Data, NL-09-165 (Dec. 2009) (ML11083A024) Excerpted: pp. 3-5 ("2009 SAMA Reanalysis")	12/16/2011
NYS000218	NYS-16B, NYS-12C	Technical Assistance in Support of the Indian Point Units 2 and 3 License Renewal, Initial Assessment Technical Review, DPP-18-005 Prepared by Sandia National Laboratories (Jan. 8, 2010) ("Sandia Report")	12/16/2011
NYS000219	NYS-16B	List of Documents Reviewed by Dr. Sheppard ("Sheppard Document Review List NYS-16B")	12/16/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000220	NYS-16B	NUREG-1555, Supplement 1, Standard Review Plans for Environmental Reviews of Nuclear Power Plants (October 1999) (ML003702019) Excerpted: pp. iii, 5.1.1-1 to 5.1.1-9 ("NUREG-1555")	12/16/2011
NYS000221	NYS-16B	NRC Staff email, from Robert Palla to Andrew Stuyvenberg, containing document on weather runs (Oct. 29, 2009) (ML093020493)	12/16/2011
NYS000222	NYS-16B	NRC, Regulatory Guide 1.70, Revision 3, Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants (LWR Edition)(November 1978) Excerpted: p. 2-4 ("NRC RG 1.70")	12/16/2011
NYS000223	NYS-17B	State of New York Statement of Position, NYS-17B ("NYS-17B SOP")	12/17/2011
NYSR00224	NYS-17B	Pre-filed Testimony of Stephen C. Sheppard ("Sheppard PFT")	1/30/2012
NYS000225	NYS-17B	Declaration of Stephen C. Sheppard (Nov. 29, 2007) (ML073400193) ("2007 Sheppard Decl.")	12/17/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000226	NYS-17B	Report of Stephen C. Sheppard, Potential Impacts of Indian Point Relicensing on Property Values, (Nov. 29, 2007) (ML073400193) ("2007 Sheppard Report")	12/17/2011
NYS000227	NYS-17B	Report of Stephen C. Sheppard, Potential Impacts of Indian Point Relicensing with Delayed Site Remediation, (Feb. 26, 2009) (ML090690303) ("2009 Sheppard Report")	12/17/2011
NYS000228	NYS-17B	Report of Stephen C. Sheppard, Determinants of Property Values, (Mar. 15, 2010) (ML100880169) ("2010 Sheppard Report")	12/17/2011
NYS000229	NYS-17B	Declaration of Stephen C. Sheppard (Mar. 15, 2010) (ML100880169) ("2010 Sheppard Decl.")	12/17/2011
NYS000230	NYS-17B	Report of Stephen C. Sheppard, Potential Economic Impacts Related to Property Value Diminution in Communities Surrounding the IPEC, (Jan. 24, 2011) (ML110390250) ("January 2011 Sheppard Report")	12/17/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR00231	NYS-17B	Impacts of the Indian Point Energy Center on Property Values, Stephen C. Sheppard, Ph.D. (Dec. 11, 2011) ("December 2011 Sheppard Report")	1/30/2012
NYS000232	NYS-17B	B. Prest, <i>Measuring the Externalities of Nuclear Power: A Hedonic Study</i> , unpublished thesis, Williams College (May 14, 2009) ("Prest Study")	12/17/2011
NYS000233	NYS-17B	S. Folland and R. Hough, "Externalities of Nuclear Plants: Further Evidence," <i>Journal of Regional Science</i> , Vol. 40, No. 4 (2000) ("Further Evidence")	12/17/2011
NYS000234	NYS-17B	"The Effects of Electric Utility Power Plant Location on Area Property Values," <i>Land Economics</i> , Vol. 50, No. 1 (February 1979) ("Land Economics")	12/17/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000235	NYS-17B	D. Clark and L. Nieves, "An Interregional Hedonic Analysis of Noxious Facility Impacts on Local Wages and Property Values," <i>Journal of Environmental Economics and Management</i> , Vol. 27 (1994) ("Interregional Hedonic Analysis")	12/17/2011
NYS000236	NYS-17B	D. Clark, L. Michelbrink, T. Allison, and W. Metz, "Nuclear Power Plants and Residential Housing Prices," <i>Growth and Change</i> , Vol. 28 (1997) ("Residential Housing Prices")	12/17/2011
NYS000237	NYS-17B	75 Fed. Reg. 81,032 (Dec. 23, 2010) ("75 Fed. Reg. 81,032")	12/17/2011
NYS000238	NYS-17B	Preliminary Decommissioning Cost Analysis for the Indian Point Energy Center, Unit 3, TLG Services, Inc. (December 2010) (Doc. E11-1583-006) (ML103550608) ("TLG Analysis")	12/17/2011
NYS000239	NYS-17B	Declaration of Assistant Attorney General Susan L. Taylor ("PFT Taylor Decl.")	12/17/2011
NYS000240	NYS-12C	State of New York Statement of Position, Consolidated NYS-12C ("NYS-12C SOP")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000241	NYS-12C	Pre-filed Testimony of Dr. François J. Lemay ("Lemay PFT")	12/21/2011
NYS000242	NYS-12C	Report, "Review of Indian Point Severe Accident Off Site Consequence Analysis," International Safety Research, Inc. (Dec. 21, 2011) ("2011 ISR Report")	12/21/2011
NYS000243	NYS-12C	NUREG/CR-6613, SAND97-0594, Vol. 1, Code Manual for MACCS2: User's Guide (May 1998) ("NUREG-CR-6613")	12/21/2011
NYS000244	NYS-12C	MACCS2 Computer Code Application Guidance for Documented Safety Analysis, Final Report (DOE-EH-4.2.1.4-MACCS2-Code Guidance) (June 2004) ("MACCS2 Application Guidance")	12/21/2011
NYS00245A-NYS00245B	NYS-12C	Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, U.S. Environmental Protection Agency (Revised 1991, Second Printing May 1992) ("EPA Guidance")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000246	NYS-12C	Protecting Public Health and Safety, New York State Radiological Emergency Planning, New York State Emergency Management Office (2010) ("NYS Emergency Planning")	12/21/2011
NYS000247	NYS-12C	The Development of MACCS2: Lessons Learned, D.I. Chanin for Energy Facilities Contractor Operating Group Safety Analysis Working Group, Annual Workshop, Santa Fe, NM (Apr. 29-May 5, 2005) ("MACCS2 Lessons Learned")	12/21/2011
NYS000248	NYS-12C	NUREG/CR-4551, SAND86-1309, Vol. 2, Rev. 1, Part 7, Evaluation of Severe Accident Risks: Quantification of Major Input Parameters (December 1990) ("Sandia Input Parameters Report")	12/21/2011
NYS000249	NYS-12C	SAND96-0957, Site Restoration: Estimation of Attributable Costs From Plutonium-Dispersal Accidents (May 1996) ("Sandia Site Restoration Report")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000250	NYS-12C	CONDO: Software for Estimating the Consequences of Decontamination Options, Report for CONDO Version 2.1 (with Associated Database Version 2.1) (NRPB-W43) (May 2003) ("CONDO")	12/21/2011
NYS000251	NYS-12C	Practical Means for Decontamination 9 Years after a Nuclear Accident (Riso-R-828(EN)) (December 1995) ("Riso Report")	12/21/2011
NYS00252A- NYS00252D	NYS-12C	NUREG-1150, Vol. 1, Severe Accident Risks: An Assessment for Five U.S. Nuclear Power Plants, Final Summary Report (December 1990) ("NUREG-1150")	12/21/2011
NYS000253	NYS-12C	Forced Decontamination of Fission Products Deposited on Urban Areas (RISO-M-2472) (December 1994) ("Riso Study")	12/21/2011
NYS000254	NYS-12C	Abstract, "Assessment of (90)sr and (137)cs penetration into reinforced concrete (extent of 'deepening') under natural atmospheric conditions," <i>Health Phys.</i> , E.B. Farfan, S.P. Gaschak, et al. (2011) ("Abstract")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000255	NYS-12C	"Survey of Costs Arising From Potential Radionuclide Scattering Events," R.E. Luna, et al., WM2008 Conference, Phoenix, AZ (Feb. 24-28, 2008) ("Luna Survey of Costs")	12/21/2011
NYS000256	NYS-12C	"Economic Consequences of a Rad/Nuc Attack: Cleanup Standards Significantly Affect Cost," B. Reichmuth, et al., Working Together: R&D Partnerships in Homeland Security, Boston, MA (PNNL-SA-45256) (April 2005) ("Reichmuth Paper")	12/21/2011
NYS000257	NYS-12C	New York Census Data: Population & Housing Density (U.S. Census Bureau) ("NY Census Data")	12/21/2011
NYS000258	NYS-12C	Census of Population and Housing, Measuring America: The Decennial Censuses from 1790 to 2000 ("Decennial Census Data")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000259	NYS-12C	Letter, Results from Decontamination Testing Using Decon Gel 1101 attaching approved Technical Work Document, Sandia National Laboratories to Cellular Bioengineering (Oct. 7, 2007) ("Sandia Letter")	12/21/2011
NYS000260	NYS-12C	Removing Radiological Contamination From Concrete Using Strippable Coatings, U.S. Environmental Protection Agency ("EPA Rad Removal")	12/21/2011
NYS000261	NYS-12C	EPA Technical Brief, Evaluation of Five Technologies for the Mechanical Removal of Radiological Contamination from Concrete Surfaces (March 2011) ("EPA Technical Brief")	12/21/2011
NYS000262	NYS-12C	"'Dirty Bombs:' Technical Background, Attack Prevention and Response, Issues for Congress" (7-5700, R41890), J. Medalia (Jun. 24, 2011) ("CRS Dirty Bomb Report")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000263	NYS-12C	<i>Environmental consequences of the Chernobyl accident and their remediation: twenty years of experience</i> , International Atomic Energy Agency (ISBN 92-0-114705-8) (2006) ("IAEA Report")	12/21/2011
NYS000264	NYS-12C	"Decontamination effort starts in Fukushima exclusion zone," T. Sugimoto, <i>The Asahi Shimbun</i> (Nov. 11, 2011) ("Sugimoto Article")	12/21/2011
NYS000265	NYS-12C	"Gov't nuclear cleanup work has to wait at least until late March," <i>The Mainichi Daily News</i> (Dec. 12, 2011) ("December Mainichi Article")	12/21/2011
NYS000266	NYS-12C	"GSDF members start helping with Fukushima decontamination effort," <i>AP/Japan Today</i> (Dec. 8, 2011) ("Fukushima AP Article")	12/21/2011
NYS000267	NYS-12C	"Decontamination work at homes in Fukushima not going well as radiation lingers," <i>The Mainichi Daily News</i> (Nov. 24, 2011) ("November Mainichi Article")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000268	NYS-12C	"The Decontamination after the Incident in Fukushima Area Will Last for Decades," Laurentiu (Jul. 10, 2011) ("Laurentiu Article")	12/21/2011
NYS000269	NYS-12C	"Rally to demand Fukushima decontamination," APN Holdings NZ Limited (Oct. 31, 2011) ("APN Article")	12/21/2011
NYSR0270A-NYSR0270B	NYS-12C	Enercon, Site Specific MACCS2 Input Data for Indian Point Energy Center, Revision 1 (Dec. 1, 2009) ("Enercon MACCS2 Input Data")	2/14/2013
NYS000271	NYS-12C	NUREG/CR-6525, Rev. 1, SECPOP2000: Sector Population, Land Fraction, and Economic Estimation Program (ML032310279) (August 2003) ("NUREG/CR-6525")	12/21/2011
NYS000272	NYS-12C	Table 1.1.5. Gross Domestic Product, National Income and Product Accounts Table, U.S. Department of Commerce, Bureau of Economic Analysis ("GDP Table")	12/21/2011
NYS000273	NYS-12C	Figuring Depreciation Under MACRS, Internal Revenue Service ("IRS MACRS")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000274	NYS-12C	HSH's National Monthly Mortgage Statistics: 2005, HSH Associates (2005) ("HSH Mortgage Statistics")	12/21/2011
NYS000275	NYS-12C	State & County QuickFacts, New York, U.S. Census Bureau ("QuickFacts")	12/21/2011
NYS000276	NYS-12C	Important News, Disaster Unemployment Assistance, NYS 3-month Average Unemployment Rate & Increase of Extended Benefits (EB) (Last updated October 11, 2011), New York State Benefit Extensions (Last updated October 11, 2011), 1099G Now Available Online, New York State Department of Labor ("DOL Important News")	12/21/2011
NYS000277	NYS-12C	"The Price of Land in the New York Metropolitan Area," <i>Current Issues in Economics and Finance</i> , Vol. 14, No. 3, A. Haughwout, et al. (Apr./May 2008) ("Land Prices")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000278	NYS-12C	"Property Values in New York Show Vibrancy," S. Chan and R. Rivera, <i>The New York Times</i> (Jan. 13, 2007) ("NYT Article")	12/21/2011
NYS000279	NYS-12C	G.A. Teagarden (Erin Engineering), Clinton CHRONC Input File (2004) ("Clinton CHRONC Input File")	12/21/2011
NYS000280	NYS-12C	North Anna MACCS2 Output File for the AP1000 Analysis (2004) ("North Anna Output File")	12/21/2011
NYS000281	NYS-12C	Environmental Report, Arkansas Nuclear One - Unit 2, Excerpted: Attachment E - Severe Accident Mitigation Analysis ("Arkansas ER")	12/21/2011
NYS000282	NYS-12C	Levy Nuclear Plant Units 1 and 2, COL Application, Part 3, Environmental Report, Chapter 7, Environmental Impacts of Postulated Accidents Involving Radioactive Materials (ML082260951) (Aug. 14, 2008) ("Levy ER")	12/21/2011
NYS000283	NYS-12C	"The Hazard from Plutonium Dispersal by Nuclear-warhead Accidents," <i>Science and Global Security</i> , Vol. 2, pp. 22-41, S. Fetter and F. von Hippel (1990) ("Fetter Paper")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000284	NYS-12C	Decontamination Technologies Task 3, Urban Remediation and Response Project Prepared for New York City Department of Health and Mental Hygiene (BNL-82389-2009) (Jun. 20, 2009) ("BNL Report")	12/21/2011
NYS000285	NYS-12C	Plumbbob Series (DNA 6005F) (1957) ("PLUMBBOB")	12/21/2011
NYS000286	NYS-12C	"Indian Point: The Next Fukushima?," V. Gilinsky, <i>The New York Times</i> (Dec. 16, 2011) ("Gilinsky NYT OpEd")	12/21/2011
NYS000287	NYS-12C	NEI 05-01 [Rev A], Severe Accident Mitigation Alternatives (SAMA) Analysis, Guidance Document (November 2005) ("NEI SAMA Guidance")	12/21/2011
NYS000288	NYS-12C	NUREG/CR-4691, SAND86-1562, Vol. 2, MELCOR Accident Consequence Code System (MACCS) (February 1990) ("MACCS")	12/21/2011
NYS000289	NYS-12C	"Risk Assessment For Emergency Planning Related To Nuclear Weapons Accidents," Science Applications International Corporation (SAIC-85-1849) (Sept. 25, 1985) ("SAIC Assessment")	12/21/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000290	NYS-12C	"State-of-the-Art Report on Nuclear Weapons," Nuclear Energy Agency, Committee on the Safety of Nuclear Installations (NEA/CSNI/R(2009)5 (Dec. 17, 2009) ("NEA Report")	12/21/2011
NYS000291	NYS-12C	Curriculum Vitae of Dr. François J. Lemay ("2011 Lemay CV")	12/21/2011
NYS000292	NYS-12C	Declaration of Assistant Attorney General Kathryn Liberatore ("PFT Liberatore Decl. NYS-12C")	12/21/2011
NYS000293	NYS-25	State of New York Statement of Position, NYS-25A ("NYS-25 SOP")	12/22/2011
NYS000294	NYS-25	Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-25")	12/22/2011
NYS000295	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Curriculum Vitae of Richard T. Lahey, Jr. ("2011 Lahey CV")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000296	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Report of Richard T. Lahey, Jr. (Dec. 20, 2011) ("2011 Lahey Report NYS-25 and NYS-26B")	12/22/2011
NYS000297	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Supplemental Report of Richard T. Lahey, Jr. (Dec. 21, 2011) ("2011 Lahey Supp Report") (NON-PUBLIC)	12/22/2011
NYS000298	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of Notice of Intention to Participate and Petition to Intervene filed by the State of New York in Indian Point license renewal proceeding (Nov. 30, 2007) ("2007 Lahey Decl.")	12/22/2011
NYS000299	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of the State of New York's Supplemental Contention 26-A in Indian Point license renewal proceeding (Apr. 7, 2008) ("2008 Lahey Decl.")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000300	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of the State of New York's New and Amended Contention Concerning Metal Fatigue (NYS-26B/RK-TC-1B) in Indian Point license renewal proceeding (Sept. 8, 2010) ("Sept. 8, 2010 Lahey Decl.") (NON-PUBLIC)	12/22/2011
NYS000301	NYS-25, NYS-26B/RK-TC-1B	Lahey, R.T., Jr., Declaration in Support of the State of New York's Additional Bases for Previously-Admitted Contention NYS-25 (Embrittlement of Reactor Pressure Vessels and Associated Internals) in Indian Point license renewal proceeding (Sept. 15, 2010) ("Sept. 15, 2010 Lahey Decl.")	12/22/2011
NYS000302	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of State of New York and Riverkeeper's Contention NYS-38/RK-TC-5 (Sept. 30, 2011) ("Sept 2011 Lahey Decl.")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000303	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Response Declaration in Support of State of New York and Riverkeeper's Contention NYS-38/RK-TC-5 (Nov. 1, 2011) ("Nov. 2011 Lahey Decl.")	12/22/2011
NYS000304	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, "NRC Aging Management Program Including Long Term Operation (LTO)," Workshop on Challenges on the Long Term Operation, New Delhi, India, Excerpted: Aging R&D Areas, vg6 (ML111801154) (Nov. 8-11, 2011) ("NRC Slide vg6")	12/22/2011
NYS000305	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, "NRC Aging Management Program Including Long Term Operation (LTO)," Workshop on Challenges on the Long Term Operation, New Delhi, India (ML111801154) (Nov. 8-11, 2011) ("NRC Slides Nov 2011")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR00306	NYS-25, NYS-38/RK-TC-5	EPRI, Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluation Guidelines, (MRP-227-Rev. 0), Report 1016596, Excerpted: pp. 3-9, 4-54 - 4-67 (December 2008) ("EPRI Slides MRP-227-Rev. 0 Excerpt")	10/1/2012
NYS00307A-NYS00307D	NYS-25, NYS-38/RK-TC-5	EPRI, Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluation Guidelines, (MRP-227-Rev. 0), Report 1016596 (December 2008) ("EPRI Slides MRP-227-Rev. 0")	12/22/2011
NYS000308	NYS-25, NYS-38/RK-TC-5	EPRI letter withdrawing confidentiality designation re EPRI Report, MRP-227-Rev. 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines (Mar. 2, 2010) ("EPRI MRP-227-Rev. 0 Designation Letter")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000309	NYS-25, NYS-38/RK-TC-5	NRC Staff Final Safety Evaluation of EPRI Report MRP-227, Rev. 0, Letter R. Nelson to N. Wilmshurst (ML111600498) (Jun. 22, 2011) ("NRC FSE MRP-227-Rev. 0")	12/22/2011
NYS000310	NYS-25, NYS-38/RK-TC-5	NRC Regulatory Issue Summary 2011-07, License Renewal Submittal Information for Pressurized Water Reactor Internals Aging Management (Jul. 21, 2011) ("NRC RIS 2011-07")	12/22/2011
NYS000311	NYS-25, NYS-38/RK-TC-5	Entergy, NL-09-130, Response to Request for Additional Information Regarding Relief Request-09, Attachment 1 (Sept. 24, 2009) ("Entergy NL-09-130")	12/22/2011
NYS000312	NYS-25, NYS-38/RK-TC-5	Entergy, NL-10-030 communication to NRC, Attachment 1 re Indian Point reactor vessel surveillance capsule withdrawal (Mar. 8, 2010) ("Entergy NL-10-030")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000313	NYS-25, NYS-38/RK-TC-5	Entergy submission to the Atomic Safety and Licensing Board conveying Entergy NL-10-063 communication to NRC Staff (Jul. 14, 2010) re Indian Point License Renewal Application Amendment No. 9, reactor vessel internals program (Jul. 15, 2010) ("Entergy NL-10-063")	12/22/2011
NYS000314	NYS-25, NYS-38/RK-TC-5	Entergy, NL-11-107 communication to NRC Staff re Indian Point License Renewal Application Commitment 30 reactor vessel internals inspection plan (Sept. 28, 2011) ("Entergy NL-11-107")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000315	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy Email: Batch to Finnin, Subject: Need to Evaluate High Cycle Fatigue to IPEC Baffle Bolts? (12/28/06) and email string: Friday; December 28, 2006; 1:58 PM; From: Stan Batch; To: Ron Finnin; Cc: Don Fronabarger, Ted S. Ivy; Subject: Need to evaluate high cycle fatigue for IPEC baffle bolts? Friday; January 12, 2007; 10:14 AM; From: Stan Batch; To: Walter Wittich and Nelson F. Azevedo; Cc: Ron Finnin and Don Fronabarger; Subject: Need to evaluate high cycle fatigue for IPEC baffle bolts? ("Entergy Email High Cycle Fatigue")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000316	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy Email: Esquillo to Stuard et al., Subject: Section XI - Cracking (8/30/06) and email string: Friday; June 16, 2006; 10:25 AM; From: Mark A. Rinckel; To: Ron Finnin; Cc: acox@entergy.com, Michael D. Stroud, Virgilio M. Esquillo, and Stan Batch; Subject: Section XI - Cracking. Wednesday; August 30, 2006; 9:33 AM; From: Virgilio M. Esquilla; To: William L. Stuard, Mark L. Warren; Carole L. Naugle, and Kenneth R. Allison; Subject: FW: Section XI - Cracking. Friday; December 8, 2006; 9:16 AM; From: Kenneth R. Allison; To: William L. Stuard; Subject: FW: Section XI -Cracking; Attach: Section XI Standards.pdf ("Entergy Email Section XI")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000317	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC Staff, Telecon-USNRC/Entergy, Summary of Telephone Conversation held on March 18, 2008, between US Nuclear Regulatory Commission and Entergy Nuclear Operations, Inc., Pertaining to I.P. units 2 and 3, LRA-Environmental RAI (Mar. 18, 2008) ("Telecon Summary")	12/22/2011
NYS000318	NYS-25, NYS-38/RK-TC-5	EPRI, Evaluation of Thermal Aging Embrittlement for Cast Austenitic Stainless Steel Components in LWR Reactor Coolant Systems, Final Report (TR-106092, WO2643-33) (September 1997) ("EPRI TR-106092")	12/22/2011
NYS000319	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-175, Materials Reliability Program: PWR Internals Material Aging Degradation Mechanism Screening and Threshold Values (TR-1012081) (ML061880278) (December 2005) ("EPRI MRP-175")	12/22/2011
NYS00320A-NYS00320B	NYS-25, NYS-38/RK-TC-5	EPRI, Non-Class 1 Mechanical Implementation Guidelines and Mechanical Tools, Rev. 4 (1010639) (January 2006) ("EPRI 1010639 Rev 4")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000321	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-191, Materials Reliability Program: Screening, Categorization, and Ranking of Reactor Internals Components for Westinghouse and Combustion Engineering PWR Design (TR-1013234)(ML091910130) (November 2006) ("EPRI MRP-191")	12/22/2011
NYS000322	NYS-25, NYS-38/RK-TC-5	EPRI Presentation Slides, R. Dyle, "EPRI Primary Systems Corrosion Research," Excerpted: pp. 14, 20 (ML101600470) (Jun. 2, 2010) ("EPRI Slides")	12/22/2011
NYS000323	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, MRP-228; Materials Reliability Program: Inspection Standard for PWR Internals, Final Report (1016609) (July 2009) ("EPRI MRP-228") (NON-PUBLIC)	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000324	NYS-25, NYS-38/RK-TC-5	NRC Staff Letter, C.I. Grimes to R.A. Newton (Westinghouse Owners Group) re Acceptance for Referencing of Generic License Renewal Program Entitled, "License Renewal Evaluation: Aging Management for Reactor Internals," WCAP-14577, Rev. 1 (October 2000) (Feb. 10, 2001) ("NRC Staff Letter to WOG")	12/22/2011
NYS000325	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC Advisory Committee on Reactor Safeguards letter: N. Bonaca (ACRS) to G. Jaczko (USNRC), "Report on the Safety Aspects of the License Renewal Application for the Indian Point Nuclear Generating Unit Nos. 3 and 3," (Sept. 23, 2009) ("NRC ACRS Letter to Jaczko")	12/22/2011
NYS00326A-NYS00326F	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, NRC Staff, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generation Units Nos. 2 and 3 (November 2009) ("NUREG-1930 SER")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000327	NYS-25, NYS-38/RK-TC-5	NRC News No. III-10-22.C, "NRC asks FENOC to discuss basis for Davis-Besse plant restart at public meeting" (May 26, 2010) ("NRC News No. III-10-22.C")	12/22/2011
NYS000328	NYS-25, NYS-38/RK-TC-5	NRC Staff, Division of Component Integrity, "NRC Perspectives on PWR Materials Issues" (ML101520577) (June 2010) ("PWR Materials Issues")	12/22/2011
NYS000329	NYS-25, NYS-38/RK-TC-5	NRC Information Notice 2011-13, Control Rod Blade Cracking Resulting in Reduced Design Lifetime (Jun. 29, 2011) ("NRC IN 2011-13")	12/22/2011
NYS000330	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1061, Vol. 3, Report of the U.S. Nuclear Regulatory Commission Piping Review Committee, Evaluation of Potential for Pipe Breaks (November 1984) ("NUREG-1061 Vol. 3")	12/22/2011
NYS000331	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-4572, NRC Leak-Before-Break Analysis Method for Circumferentially Through-Wall Cracked Pipes Under Axial Plus Bending Loads (March 1986) ("NUREG/CR-4572")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000332	NYS-25, NYS-38/RK-TC-5	NUREG/CR-4513, ANL-93/22, Rev. 1, Estimation of Fracture Toughness of Cast Stainless Steels during Thermal Aging in LWR Systems (May 1994) ("NUREG/CR-4513 Rev. 1")	12/22/2011
NYS000333	NYS-25, NYS-38/RK-TC-5	NUREG/CR-6897, ANL-04/28, Assessment of Void Swelling in Austenitic Stainless Steel Core Internals (January 2006) ("NUREG/CR-6897")	12/22/2011
NYS000334	NYS-25, NYS-38/RK-TC-5	NUREG/CR-6960, ANL-06/58, Crack Growth Rates and Fracture Toughness of Irradiated Austenitic Stainless Steel in BWR Environments, Chopra, et al. (March 2008) ("NUREG/CR-6960")	12/22/2011
NYS000335	NYS-25, NYS-38/RK-TC-5	Nuclear Energy Institute, NEI 03-08 [Addenda], Materials Initiative Guidance, Excerpted: pp. D5-D6 (June 2009) ("NEI 03-08 Addenda")	12/22/2011
NYS000336	NYS-25, NYS-38/RK-TC-5	Barnes, "A Theory of Swelling and Gas Release for Reactor Materials," <i>J. of Nuclear Materials</i> , Vol-11(2), pp. 135-148 (1964) ("Barnes")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR00337	NYS-25, NYS-38/RK-TC-5	Hawthorne, et al., "Influence of Radiation on Material Properties," 13th International Symposium (Part-II), ASTM 04-956000-35, pp. 191-206 (June 1986) ("Hawthorne Paper")	10/1/2012
NYS000338	NYS-25, NYS-38/RK-TC-5	Tong, L.S. and Weisman, J., "Thermal Analysis of Pressurized Water Reactors," <i>ANS Monograph</i> , Excerpted: pp. 147-148 (1970) ("Tong")	12/22/2011
NYS000339	NYS-25, NYS-38/RK-TC-5	Was, Gary S., "Fundamentals of Radiation Material Science," Excerpted: pp. 379-380, 423, 765-767, 797-803, Springer (2007) ("Was")	12/22/2011
NYS000340	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-13587, Rev. 1, "Reactor Vessel Upper Shelf Energy Bounding Evaluation for Westinghouse Pressurized Water Reactors," S. Tandon, M.J. Malone, and T.R. Mager (September 1993) ("WCAP-13587 Rev 1")	12/22/2011
NYS000341	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-14577, Rev. 1-A, "License Renewal Evaluation: Aging Management for Reactor Internals," D.R. Forsyth et al. (March 2001) ("WCAP-14577 Rev. 1-A")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000342	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Letter No. LTR-PAFM-03-42, Yang, "Procedures for Transfer Function Database Creation and Guidelines for the Associated Finite Element Analysis" (March 2006) ("LTR-PAFM-03-42") (NON-PUBLIC)	12/22/2011
NYSR00343	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	State of New York Statement of Position, NYS-26B ("NYS-26B SOP")	12/27/2011
NYSR10344	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-26B")	10/1/2012
NYS000345	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Cengel & Turner, <i>Fundamentals of Thermal-Fluid Sciences</i> Excerpted: pp. 759-760, McGraw-Hill (2001) ("Cengel")	12/22/2011
NYS000346	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kreith, <i>Principles of Heat Transfer</i> , Excerpted: p. 353, Int. Text Book Co. (1961) ("Kreith")	12/22/2011
NYS000347	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Vardeman & Jobe, <i>Basic Engineering Data Collection and Analysis</i> , Excerpted: pp. 310-311, Duxbury (2001) ("Vardeman")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000348	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Consolidated Edison Company of New York, Inc., Final Design Report for Reracking the Indian Point Unit No. 2 Spent Fuel Pool, Docket No. 50-247 (May 1980) 8005130412 ("ConEd IP2 Reracking FDR")	12/22/2011
NYS000349	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	American Society of Mechanical Engineers (ASME) Code, Section-III, Boiler & Pressure Vessel Code (1989) ("ASME Section-III")	12/22/2011
NYS000350	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, MRP-47, Guidelines for Addressing Fatigue Environmental Effects in a License Renewal Application, Final Report, Revision 1 (September 2005) ("EPRI MRP-47 Rev. 1")	12/22/2011
NYS000351	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, NL-08-021 communication to NRC Staff re Indian Point License Renewal Application Amendment 2 (ML080230637) (Jan. 22, 2008) ("NL-08-021")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000352	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy's submission to the Atomic Safety and Licensing Board conveying Entergy's NL-10-082 communication to NRC Staff (Aug. 9, 2010) re Indian Point License Renewal Application Commitment 33, fatigue monitoring program (Aug. 10, 2010) ("Entergy NL-10-082 to ACRS")	12/22/2011
NYS000353	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC Staff Report, Final Safety Evaluation by the Office of Nuclear Reactor Regulation Concerning Westinghouse Owners Group Report, WCAP-14575, Revision 1, License Renewal Evaluation: Aging Management for Class 1 Piping and Associated Pressure Boundary Components, Project No. 686 (Nov. 8, 2000) ("WCAP-14575 Rev. 1")	12/22/2011
NYS000354	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-5704, ANL-98/31, Effects of LWR Coolant Environments on Fatigue Design Curves of Austenitic Stainless Steels (April 1999) ("NUREG/CR-5704")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000355	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-6260, INEL-95/0045, Application of NUREG/CR-5999 Interim Fatigue Curves to Selected Nuclear Power Plant Components (February 1995) ("NUREG/CR-6260")	12/22/2011
NYS000356	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-6583, ANL-97/18, Effects of LWR Coolant Environments on Fatigue Design Curves of Carbon and Low-Alloy Steels (March 1998) ("NUREG/CR-6583")	12/22/2011
NYS000357	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-6909, Effect of LWR Coolant Environments on the Fatigue Life of Reactor Materials (February 2007) ("NUREG/CR-6909")	12/22/2011
NYS00358A-NYS00358B	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WESTEMS computer code manual, version 4.5, Vol. 1, Rev. 0 (March 2007) [as excerpted and produced by Entergy] ("WESTEMS") (NON-PUBLIC)	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000359	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP 14173, Rev. 2, Roarty, et al., Global to Local Transformations and Stress Transfer Functions for Pressurizer Surge Line, Pressurizer Lower Head and Pressurizer Spray Line (IPECPROP00060808) (August 1995) ("WCAP 14173 Rev. 2") (NON-PUBLIC)	12/22/2011
NYS000360	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Cranford, E.L., and Gary, M.A., "Simulation of a PWR Residual Heat Removal System for Component Fatigue Monitoring," Paper # DO514, Trans. SMiRT-19, Toronto (August 2007) ("Cranford Paper")	12/22/2011
NYS000361	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17199-P, Rev. 0, Environmental Fatigue Evaluation for Indian Point 2 (June 2010) ("WCAP-17199-P Rev. 0") (NON-PUBLIC)	12/22/2011
NYS000362	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17200-P, Rev. 0, Environmental Fatigue Evaluation for Indian Point Unit 3 (June 2010) ("WCAP-17200-P Rev. 0") (NON-PUBLIC)	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000363	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17149-P, Rev. 1, Evaluation of Pressurizer Insurge/Outsurge Transients for Indian Point Unit 2 (IPECPROP00056663-IPECPROP00056716) and Westinghouse, WCAP-17162-P, Rev. 1, Evaluation of Pressurizer Insurge/Outsurge Transients for Indian Point Unit 3 (IPECPROP00056717-IPECPROP00056771) (July 2010) ("WCAP-17149-P Rev. 1") (NON-PUBLIC)	12/22/2011
NYS000364	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-21, IPECPROP0057432, Indian Point Units 2 & 3 Charging Nozzles Environmental Fatigue Evaluation (Jun. 18, 2010) ("CN-PAFM-09-21") (NON-PUBLIC)	12/22/2011
NYS000365	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-67, IPECPROP00057917, Pressurizer Surge Nozzle and Lower Head Transfer Functions for Indian Point Units 2 and 3 (Jun. 18, 2010) ("CN-PAFM-09-67") (NON-PUBLIC)	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000366	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note. CN-PAFM-09-77, IPECPROP00057881/3, Indian Point Units 2 & 3 Accumulator Nozzle Environmental Fatigue Evaluation (Jun. 18, 2010) ("CN-PAFM-09-77") (NON-PUBLIC)	12/22/2011
NYS000367	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-79, IPECPROP00057559, Indian Point Unit 2 Boron Injection Tank Nozzle Environmental Fatigue Evaluations (Jun. 18, 2010) ("CN-PAFM-09-79") (NON-PUBLIC)	12/22/2011
NYS000368	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-117, IPECPROP00057276, Indian Point Units 2 and 3 Hot Leg Surge Nozzle Environmental Fatigue Evaluations (Jun. 18, 2010) ("CN-PAFM-09-117") (NON-PUBLIC)	12/22/2011
NYS00369A-NYS00369B	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W), WCAP-12191, Rev. 3, Transient and Fatigue Cycle Monitoring Program Transient History Evaluation Report for Indian Point Unit 2 Addendum 1 (September 2003) ("WCAP-12191 Rev. 3") (NON-PUBLIC)	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000370	NYS-25	Letter, State of NY to U.S. NRC ASLB, Indian Point Nuclear Generating Station Units 2 and 3, Docket Nos. 50-247-LR/50-286-LR, ASLBP No. 07-858-03-LR-BD01, attaching "Reasons for Non-concurrence on Draft Safety Evaluation for the Electric Power Research Institute's Topical Report (TR) MATerials Reliability Program (MRP) report 1016596 (MRP-227), Revision 0, 'Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines,'" R.I. Tregoning RES/DE (ML110770169) and "Comments for the Document Sponsor to Consider Pertaining to Non-Concurrence on Draft Safety Evaluation for the Electric Power Research Institute's Topical Report (TR) Materials Reliability Program (MRP) Report 1016596 (MRP-227), Revision 0, 'Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines,'" M.J. Case RES/DE (ML110810787) (Apr. 29, 2011) ("Apr. 29, 2011 NYS Letter")	12/22/2011

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000371	NYS-38/RK-TC-5	Initial Statement of Position of State of New York and Riverkeeper in support of Contention NYS-38/RK-TC-5 (Jun. 19, 2012)	6/19/2012
NYS000372	NYS-38/RK-TC-5	Pre-filed Testimony of Dr. David J. Duquette in support of Contention NYS-38/RK-TC-5 (Jun. 14, 2012)	6/19/2012
NYS000373	NYS-38/RK-TC-5	Report of Dr. David J. Duquette regarding Contention NYS-38/RK-TC-5 (Jun. 7, 2012)	6/19/2012
NYS000374	NYS-38/RK-TC-5	Pre-filed Testimony of Dr. Richard T. Lahey regarding Contention NYS-38/RK-TC-5 (Jun. 18, 2012)	6/19/2012
NYS000375	NYS-38/RK-TC-5	Nuclear Steam Supply System (Westinghouse MB 3618A diagram)	6/19/2012
NYS000376	NYS-38/RK-TC-5	Westinghouse Steam Generator (Westinghouse MB 3593 diagram)	6/19/2012
NYS000377	NYS-38/RK-TC-5	Steam Generator Tube Operational Experience (ML013100106)(from NRC Website (Nov. 2, 2000))	6/19/2012
NYS000378	NYS-38/RK-TC-5	History of Westinghouse Model 44 Steam Generators (ML013100106)(from NRC Website (Nov. 2, 2000))	6/19/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000379	NYS-38/RK-TC-5	NRC Generic Letter No. 85-02, Staff Recommended Actions Stemming From NRC Integrated Program for the Resolution of Unresolved Safety Issues Regarding Steam Generator Tube Integrity (ML031150391)(Apr. 17, 1985)	6/19/2012
NYS000380	NYS-38/RK-TC-5	Gorman, et al., Companion Guide to ASME Boiler & Pressure Vessel Code, Chapter 44, PWR Reactor Vessel Alloy 600 Issues (Dec. 19, 2009)	6/19/2012
NYS000381	NYS-38/RK-TC-5	G. Roussel, "Management of the Nickel-Base Alloy Cracking in Butt Welds at Belgian Nuclear Power Plants" in Aging Issues in Nuclear Power Plants (NuPeer 2005)	6/19/2012
NYS000382	NYS-38/RK-TC-5	Westinghouse presentation to NRC Staff, AP1000 Draft Safety Evaluation Report LBB Open Items (ML032300182)(Jul. 11, 2003)	6/19/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000383	NYS-38/RK-TC-5	H. Cothron, EPRI Final Report 1014982 (redacted) Divider Plate Cracking in Steam Generators, Results of Phase 1: Analysis of Primary Water Stress Corrosion Cracking and Mechanical Fatigue in the Alloy 600 Stub Runner to Divider Plate Weld Material, Non-Proprietary Version (ML072970190)(June 2007)	6/19/2012
NYS000384	NYS-38/RK-TC-5	EPRI Final Report 1014982 (unredacted) Divider Plate Cracking in Steam Generators, Results of Phase 1: Analysis of Primary Water Stress Corrosion Cracking and Mechanical Fatigue in the Alloy 600 Stub Runner to Divider Plate Weld Material (June 2007) (available on EPRI website)	6/19/2012
NYS000385	NYS-38/RK-TC-5	H. Cothron, EPRI Report 1016552 (redacted) Divider Plate Cracking in Steam Generators, Results of Phase II: Evaluation of a Cracked Divider Plate on LOCA and Non-LOCA Analyses (ML083650073)(November 2008)	6/19/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000386	NYS-38/RK-TC-5	H. Cothron, EPRI Report 1019040 (redacted) Steam Generator Management Program Steam Generator Divider Plate Cracking Engineering Study, Non-Proprietary Version (ML100491594)(Dec. 31, 2009)	6/19/2012
NYS000387	NYS-38/RK-TC-5	C. Cassino, Westinghouse Presentation, NEI Steam Generator Task Force Divider Plate Cracking Issue Update (ML072606144)(Jul. 25, 2007)	6/19/2012
NYS000388	NYS-38/RK-TC-5	M. Evans and R. Taylor, Bilateral Exchange: Steam Generator Divider Plate Cracking, USNRC Presentation (ML102460404)(Sept. 15, 2010)	6/19/2012
NYS000389	NYS-38/RK-TC-5	NRC Request for Additional Information re IP2 and IP3 License Renewal Application (ML110190809)(Feb. 10, 2011)	6/19/2012
NYS000390	NYS-38/RK-TC-5	NEI Steam Generator Task Force - NRC/Industry Update (ML110490077)(Feb. 18, 2011)	6/19/2012
NYS000391	NYS-38/RK-TC-5	NEI Steam Generator Task Force - NRC/Industry Update (Aug. 4, 2011)	6/19/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000392	NYS-38/RK-TC-5	EPRI presentation, Steam Generator Task Force / Nuclear Regulatory Commission Biannual Meeting (ML12047A296)(Feb. 16, 2012)	6/19/2012
NYS000393	NYS-38/RK-TC-5	EPRI, Nuclear Sector Roadmaps, Materials Aging And Degradations, Action Plan Roadmap Summary & In Use: Aging Management of Alloy 600 and Alloy 82/182 in the Steam Generator Channel Head Assembly (January 2012), Excerpted: pp. cover, 3-5, 7-8, 36-38	6/19/2012
NYS000394	NYS-38/RK-TC-5	EPRI, 2012 Research Portfolio, Steam Generator Management (2012)	6/19/2012
NYS000395	NYS-38/RK-TC-5	Entergy letter to ASLB re status of fatigue analysis (May 15, 2012)	6/19/2012
NYS000396	NYS-38/RK-TC-5	Letter, Christopher G. Miller to Sarah Hofmann, Vermont Department of Public Service, Regarding Response to Question in State of Vermont Letter of December 23, 2011 (ML12103A158) (Mar. 20, 2012)	6/19/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000397	NYS-38/RK-TC-5	Declaration of Assistant Attorney General John J. Sipos (Jun. 19, 2012) ("PFT Sipos Decl. NYS-38/RK-TC-5")	6/19/2012
NYS000398	NYS-5	Revised Statement of Position of State of the New York in support of Contention NYS-5 (Jun. 29, 2012)	6/29/2012
NYSR20399	NYS-5	Pre-filed Rebuttal Testimony of Dr. David J. Duquette in support of Contention NYS-5 (Jun. 6, 2012)	10/16/2012
NYS000400	NYS-5	<i>In the Matter of Entergy Nuclear Vermont Yankee, LLC and Entergy Nuclear Operations, Inc. (Vermont Yankee Nuclear Power Station)</i> , Hearing Transcript (ML082330392) (Jul. 23, 2008), Excerpted: pp. cover, 1178, 1212-1214	6/29/2012
NYS000401	NYS-5	Grand Gulf Nuclear Station, License Renewal Application, Technical Information, Appendix B, Aging Management Programs and Activities (ML11308A097) (Oct. 28, 2011), Excerpted: pp. B-i, B-25-26	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000402	NYS-5	Declaration of Assistant Attorney General Janice A. Dean (Jun. 28, 2012) ("PFT Dean Decl. NYS-5")	6/29/2012
NYS000403	NYS-16B	Revised Statement of Position of the State of New York in support of Contention NYS-16B (Jun. 29, 2012)	6/29/2012
NYS000404	NYS-16B	Pre-filed Rebuttal Testimony of Stephen C. Sheppard in support of Contention NYS-16B (Jun. 29, 2012)	6/29/2012
NYS000405	NYS-16B	NUREG/CR-4831, State of the Art in Evacuation Time Estimate Studies for Nuclear Power Plants (ML003050270) (March 1992), Excerpted: p. inside cover, iii, and 3	6/29/2012
NYS000406	NYS-16B	NUREG/CR-6863, Development of Evacuation Time Estimate Studies for Nuclear Power Plants (ML050250240) (January 2005) Excerpted: pp. inside cover, iii, and 5-6	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000407	NYS-16B	NUREG/CR-7002, Criteria for Development of Evacuation Time Estimate Studies (ML11329A053) (November 2011) Excerpted: pp. inside cover, iii, 11-13	6/29/2012
NYS000408	NYS-16B	Moss & Qing, <i>The Emergence of the "Super-Commuter"</i> (February 2012)	6/29/2012
NYS000409	NYS-16B	Sheppard, Rebuttal Population Distribution For Sensitivity Analysis (June 2012)	6/29/2012
NYS000410	NYS-6/7	Revised Statement of Position of the State of New York in support of Contention NYS-6/7 (Jun. 29, 2012)	6/29/2012
NYS000411	NYS-6/7	Pre-filed Rebuttal Testimony of Earle C. Bascom III in support of Contention NYS-6/7 (Jun. 27, 2012)	6/29/2012
NYS000412	NYS-6/7	Condition Report, CR-IP3-2011-02393 (Initiated Date: Apr. 11, 2011)	6/29/2012
NYSR00413	NYS-8	Revised Statement of Position of the State of New York in support of Contention NYS-8 (Jun. 29, 2012)	8/6/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR00414	NYS-8	Pre-filed Rebuttal Testimony of Robert Degeneff in support of Contention NYS-8 (Jun. 28, 2012)	8/6/2012
NYS000415	NYS-8	<i>IEEE Standard Dictionary of Electrical and Electronics Terms</i> , Second Edition (May 12, 1978) Excerpted: p. 737	6/29/2012
NYS000416	NYS-8	N. N. Hancock, <i>Matrix Analysis of Electrical Machinery</i> , 2nd Edition (Pergamon Press 1974) Excerpted: pp. 21-22, 37, 44-45.	6/29/2012
NYS000417	NYS-8	WITHDRAWN	8/7/2012
NYS000418	NYS-8	WITHDRAWN	8/7/2012
NYS000419	NYS-12C	Revised Statement of Position of the State of New York in support of Contention NYS-12C (Jun. 29, 2012)	6/29/2012
NYS000420	NYS-12C	Pre-filed Rebuttal Testimony of Dr. François J. Lemay, Ph.D. in support of Contention NYS-12C (Jun. 29, 2012)	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000421	NYS-12C	Email String; April 20, 2012 10:55 AM; Subject: NYS 12C -- request for article; From: K. Liberatore; To: B. Harris; CC: J. Dean, J.J. Sipos; April 25, 2012 12:29 PM; Subject: RE: NYS 12C -- request for article; From: B. Harris; To: K. Liberatore; CC: J. Dean, J.J. Sipos	6/29/2012
NYS00422A- NYS00422C	NYS-12C	Interim Report (Main Text), Investigation Committee on the Accident at Fukushima Nuclear Power Stations of Tokyo Electric Power Company (Dec. 26, 2011)	6/29/2012
NYS000423	NYS-12C	L'IRSN publie une évaluation de la radioactivité rejetée par la centrale de Fukushima Daiichi (Fukushima I) jusqu'au 22 mars 2011 (Mar. 22, 2011)	6/29/2012
NYS00424A- NYS0424BB	NYS-12C	NUREG/CR-5148, PNL-6350, Property-Related Costs of Radiological Accidents (February 1990)	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00425A-NYS00425G	NYS-12C	NUREG/CR-3413, PNL-4790, Off-Site Consequences of Radiological Accidents: Methods, Costs and Schedules for Decontamination (August 1985)	6/29/2012
NYS000426	NYS-12C	Email String; May 1, 2012 1:14 PM; From: M. Labriola; To: J.J. Tawil; May 2, 2012 8:22 AM; Subject: RE: The DECON code from PNL; From: J.J. Tawil; To: M. Labriola	6/29/2012
NYS000427	NYS-12C	New Mexico: 2000, Population and Housing Unit Costs, U.S. Census Bureau (September 2003)	6/29/2012
NYS000428	NYS-12C	Slides, Road to Recovery, Government of Japan (March 2012)	6/29/2012
NYS000429	NYS-12C	Scheiber and Benhamou, Draft Report, Estimation of the Unit Costs of Decontamination Techniques, RODOS(WG3)-TN(99)-32 (July 1999)	6/29/2012
NYS000430	NYS-12C	Revisions to Tables in ISR Report 13014-01-01: Review of Indian Point Severe Accident Off Site Consequences Analysis, Dec. 21, 2011 (Jun. 28, 2012)	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000431	NYS-12C	ISR, Cost of decontamination at Surry based on assumptions contained in NUREG/CR-3673 (Jun. 28, 2012)	6/29/2012
NYS000432	NYS-12C	Declaration of Kathryn Liberatore (Jun. 29, 2012)	6/29/2012
NYS000433	NYS-17B	Revised Statement of Position of the State of New York in support of Contention NYS-17B (Jun. 29, 2012)	6/29/2012
NYS000434	NYS-17B	Pre-filed Rebuttal Testimony of Stephen C. Sheppard in support of Contention NYS-17B (Jun. 28, 2012)	6/29/2012
NYS000435	NYS-17B	Figure, Tolley data analysis (June 2012)	6/29/2012
NYS000436	NYS-37	Revised Statement of Position of the State of New York in support of Contention NYS-37 (Jun. 29, 2012)	6/29/2012
NYS000437	NYS-37	Pre-filed Rebuttal Testimony of David A. Schlissel in support of Contention NYS-37 (Jun. 29, 2012)	6/29/2012
NYS000438	NYS-37	Excel Workbook, NERA Full NEMS Output Including Unused Tables (Apr. 3, 2008)	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000439	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (Jun. 29, 2012) (NON-PUBLIC)	6/29/2012
NYS000440	NYS-26B/RK-TC-1B	Pre-filed Rebuttal Testimony of Dr. Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Jun. 29, 2012) (NON-PUBLIC)	6/29/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000441	NYS-12C	<p>Email String; January 10, 2011 11:16 AM; Subject: Action: Request Parallel Concurrence on document: "Agency Long-Term Research Activities for Fiscal Year 2013;" From: M. Bano; To: C. Lui, M. Case, RidsOgcMailCenter Resource, RidsNrrOd Resource, RidsNmssOd Resource, RidsFsmeOd Resource, RidsNroOd Resource, RidsOcfoMailCenter Resource, RidsNsirOd Resource, S. Turk, E. Leeds, C. Miller, M. Johnson, R. Mitchell, J. Wiggins; January 10, 2011 11:20 AM; Subject: FW: Action: Request Parallel Concurrence on document: "Agency Long-Term Research Activities for Fiscal Year 2013;" From: M. Johnson; To: Y. Correa, L. Berry; CC: G. Holahan, D. Williams; January 10, 2011 11:31 AM; Subject: ACTION: YT-2011-0003: Request Parallel Concurrence on document: "Agency Long-Term Research Activities for Fiscal Year 2013;" From: Y. Correa; To: M. Penny; CC: T. Clark, M. Lombard, A. Coates, L. Berry; January 19, 2011 8:42 AM; Subject: FW: ACTION: YT-2011-0003: Request Parallel Concurrence on document: "Agency Long-Term Research Activities for Fiscal Year 2013;" Attachment: ADAMS Document.APK; From: C. Ader, To: M. Johnson; CC: D. Dube, N. Chokshi, S. Flanders, G. Holahan, T. Clark, M. Lombard, T. Bergman; January 20, 2011 10:00 AM; Subject: RE: NRO concurrence on FY13 long-term res SECY (YT-2011-0003); From: C. Ader; To: M. Bano; CC: T. Ghosh, P. Santiago, T. Clark, RidsNroMail Center Resource, M. Johnson, N. Chokshi, T. Bergman, S. Flanders, K. Gibson, D. Dube</p>	10/1/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000442		WITHDRAWN	10/2/2012
NYS000443	NYS-37	New York State Energy Planning Board, New York State Energy Plan, New York State Transmission and Distribution Systems Reliability Study and Report (Aug. 30, 2012)	10/9/2012
NYS000444	NYS-37	New York State Department of Environmental Conservation, State Environmental Quality Review (SEQR), Findings Statement (Sept. 26, 2012)	10/9/2012
NYS000445	NYS-37	News, New York State Department of Environmental Conservation, DEC Approves New Cricket Valley Energy Center (CVE): Allows State of the Art 1,000 Megawatt Natural Gas Fired Power Plant in Dutchess County to Move Forward (Oct. 2, 2012)	10/9/2012
NYS000446	NYS-17B	Analysis by Stephen C. Sheppard Using Tolley MLS Linear Square Root	10/22/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000447	NYS-37	T. Woolf, M. Whited, T. Vitolo, K. Takahashi, D. White; Indian Point Replacement Analysis: A Clean Energy Roadmap, A Proposal for Replacing the Nuclear Plant with Clean, Sustainable Energy Resources (Oct. 11, 2012) ("October 2012 Synpase Report")	11/9/2012
NYS00448A- NYS00448B	NYS-37	New York Energy Highway Task Force, New York Energy Highway Blueprint (Oct. 22, 2012)	11/9/2012
NYS000449	NYS-5	Summary of Telephone Conference Call Held on October 11, 2012 Between the U.S. Nuclear Regulatory Commission and Entergy Nuclear Operations, Inc., Concerning the Indian Point Nuclear Generating Unit Nos. 2 and 3, License Renewal Application (ML12289A880) (Oct. 31, 2012)	11/9/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000450	NYS-5	Entergy Letter NL-12-149 to U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Subject: Clarification of Underground Piping Information Provided in Letter NL-11-032 Regarding the License Renewal Application, Indian Point Nuclear Generating Unit Nos. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Oct. 18, 2012)	11/9/2012
NYS000451	NYS-38/RK-TC-5	State of New York and Riverkeeper Inc. Revised Statement of Position In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012
NYS000452	NYS-38/RK-TC-5	Pre-filed Written Rebuttal Testimony of Dr. David J. Duquette In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 8, 2012)	11/9/2012
NYS000453	NYS-38/RK-TC-5	Pre-filed Written Rebuttal Testimony of Dr. Richard T. Lahey, Jr. In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012
NYS000454	NYS-38/RK-TC-5	Comparison of GALL Rev. 1 with GALL Rev. 2 on Steam Generator Divider Plates	11/9/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000455	NYS-38/RK-TC-5	Comparison of GALL Rev. 1 with GALL Rev. 2 on Tube to Tube Sheet Welds	11/9/2012
NYS000456	NYS-38/RK-TC-5	History of Steam Generators, Indian Point Unit 2 and Unit 3	11/9/2012
NYS000457	NYS-38/RK-TC-5	NRC's Response to the February 15, 2000 Steam Generator Tube Rupture at Indian Point Unit 2 Power Plant, Case No. 00-03S (Aug. 29, 2000)	11/9/2012
NYS000458	NYS-38/RK-TC-5	Email; From K. Karwoski; To: M. Khanna; Subject: Plants who have Replaced Steam Generators; Attachments: Steam Generator Replacements - Completed.doc; Sent: Thursday, October 08, 2009, 12:16 PM (ML100750361)	11/9/2012
NYS000459	NYS-38/RK-TC-5	Letter; From: R.J. Conte, Chief, Engineering Branch 1, Division of Reactor Safety; To: C. Wamser, Entergy Nuclear Operations, Inc., Vermont Yankee Nuclear Power Station; Vermont Yankee Nuclear Power Station - NRC Integrated Inspection Report 05000271/2011011 (ML113560064) (Dec. 22, 2011)	11/9/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000460	NYS-38/RK-TC-5	Letter; From: S. Hofmann, Deputy Commissioner, State of Vermont Department of Public Service; To: W. Dean, Regional Administrator, U.S. NRC Region I; Re: Commitment Change Process (Dec. 23, 2011)	11/9/2012
NYS000461	NYS-38/RK-TC-5	Letter; From: Representative E. Markey; To: G. Jaczko, Chairman, NRC regarding Vermont Yankee Inspection Report (ML12103A406) (Mar. 16, 2012)	11/9/2012
NYS000462	NYS-38/RK-TC-5	Letter; From: R. J. Conte, Chief, Engineering Branch 1, Division of Safety, NRC; To: C. Warner, Site Vice President, Entergy Nuclear Operations, Inc., Vermont Yankee Nuclear Power Plant; Subject: Vermont Yankee Nuclear Power Station - NRC Inspection Report 05000271/2012008 (Apr. 20, 2012)	11/9/2012
NYS000463	NYS-38/RK-TC-5	Slides (EPRI), NRC/EPRI Steam Generator Task Force Meeting (ML12234A683) (Aug. 21, 2012)	11/9/2012
NYS000464	NYS-38/RK-TC-5	Declaration of John J. Sipos In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000465	NYS-17B	Declaration of Stephen C. Sheppard In Support of Contention NYS-17B (Nov. 21, 2012)	11/21/2012
NYS000466	NYS-37	Press Release, New York State Public Service Commission, Governor's Energy Highway Gains Momentum - New Transmission Projects, Power Plant Planning & Gas Distribution Expansion (Nov. 27, 2012)	11/28/2012
NYS000467	NYS-17B	Written Supplemental Rebuttal Testimony of Stephen C. Sheppard Regarding Contention NYS-17B (Dec. 3, 2012)	12/3/2012
NYS000468	NYS-8	NRC Bulletin 2012-01: Design Vulnerability in Electric Power System (ML12074A115) (Jul. 27, 2012)	12/6/2012
NYS000469	NYS-8	Entergy Letter, NL-12-141, 90-Day Response to Bulletin 2012-01, Design Vulnerability in Electric Power System, [i.e., the preceding document] Indian Point Units 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (ML12311A014 (posted on Nov. 15, 2012))(Oct. 25, 2012)	12/6/2012

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000470	NYS-8	Entergy Preliminary Notification of Event or Unusual Occurrence - PNO-I-12-008, James A. Fitzpatrick Nuclear Power Plant Notification of Unusual Event Due to Fire in Main Transformer and Bus Ducting (ML12318A299 (posted on Nov. 14, 2012)) (Nov. 13, 2012)	12/6/2012
NYS000471	NYS-8	Entergy Preliminary Notification of Event or Unusual Occurrence - PNO-I-12-008A, UPDATE: James A. Fitzpatrick Nuclear Power Plant Notification of Unusual Event Due to Fire in Main Transformer (ML12333A307 (posted on Nov. 28, 2012)) (Nov. 28, 2012)	12/6/2012
NYSR00472	NYS-38/RK-TC-5	Dolley, Stephen, "DOE plan coordinates R&D on extending LWR lifetimes," Nucleonics Week, p. 2, Vol. 53, No. 6 (Feb. 9, 2012)	2/1/2013
NYS000473	NYS-37	Meredith, Emily and Benedetto, Alex, "United States: Glum Economics Skewer Plans for Nuclear Uprates," <i>Nuclear Intelligence Weekly</i> (Nov. 26, 2012)	1/11/2013

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000474	NYS-37	Order Granting Certification of Environmental Compatibility and Public Need, Case 10-T-0139 - Application of Champlain Hudson Power Express, Inc. for a Certificate of Environmental Compatibility and Public Need Pursuant to Article VII of the PSL for the Construction, Operation and Maintenance of a High Voltage Direct Current Circuit from the Canadian Border to New York City (Apr. 18, 2013)	5/3/2013
NYS000475	NYS-37	Order Granting Certificate of Public Convenience and Necessity, Providing for Lightened Ratemaking Regulation, Case 11-E-0593 - Petition of Cricket Valley Energy Center, LLC for an Original Certificate of Public Convenience and Necessity and for an Order Providing for Lightened Regulation (Feb. 14, 2013)	5/3/2013

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000476	NYS-16B	Entergy (NL-13-075), License Renewal Application-Completed Engineering Project Cost Estimates for SAMAs Previously Identified as Potentially Cost-Beneficial, Indian Point Nuclear Generating Units No. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (May 6, 2013) (ML13127A459), Excerpted: Attachment 1: Cover and pp. 4 and 5 of 13	5/17/2013
NYS000477	NYS-5	CR-IP2-2012-05324, Condition Report Regarding Visual Inspection of 4' Service Water Return Line (Sept. 11, 2012)	6/10/2013
NYS000478	NYS-5	Underground Piping and Tanks General Visual Inspection, 8-in HP Fire Protection Line (May 23, 2013)	6/10/2013
NYS000479	NYS-5	Underground Piping and Tanks General Visual Inspection, 8-in City Water Line 1502 (May 23, 2013)	6/10/2013

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000480	NYS-5	Underground Piping and Tanks General Visual Inspection, 8-in City Water Line 1502 (Apr. 12, 2013)	6/10/2013
NYS000481	NYS-25	Revised Statement of Position of the State of New York in support of Contention NYS-25 (Public, Redacted) (June 9, 2015)	6/9/2015
NYS000481	NYS-25	Revised Statement of Position of the State of New York in support of Contention NYS-25 (Non-Public, Non-Redacted) (June 9, 2015)	6/9/2015
NYS000482	NYS-25	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (Public, Redacted) (June 2, 2015)	6/9/2015
NYS000482	NYS-25	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (Non-Public, Non-Redacted) (June 2, 2015)	6/9/2015
NYS000483	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Declaration of Richard T. Lahey, Jr. in Support of Contention NYS-25 (Feb. 12, 2015)(Public, Redacted) (ML15044A492)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000483	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Declaration of Richard T. Lahey, Jr. in Support of Contention NYS-25 (Feb. 12, 2015)(Non-Public, Non-Redacted) (ML15044A510)	6/9/2015
NYS00484A-NYS00484B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7153, Vol. 2, Expanded Materials Degradation Assessment (EMDA), Aging of Core Internals and Piping Systems (October 2014) (ML14279A331)	6/9/2015
NYS000485	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	DOE, Office of Nuclear Energy, Light Water Reactor Sustainability Program: Materials Aging and Degradation Pathway Technical Program Plan, ORN/LTR-2012/327, Rev. 1 (August 2014), available at <a href="https://inlportal.inl.gov/portal/server.pt/community/lwrs_program/442/program_documents">https://inlportal.inl.gov/portal/server.pt/community/lwrs_program/442/program_documents</a>	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000486	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Stevens, Gary L., Presentation to ACRS on Technical Brief on Regulatory Guidance for Evaluating the Effects of Light Water Reactor Coolant Environments in Fatigue Analyses of Metal Components (December 2, 2014) (ML14351A368)	6/9/2015
NYS000487	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7027 (ANL-10-11), Degradation of LWR Core Internal Materials due to Neutron Irradiation (December 2010)(ML102790482)	6/9/2015
NYS00488A-B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7184 (ANL-12/56), Chen, et al., Crack Growth Rate and Fracture Toughness Tests on Irradiated Cast Stainless Steels (Revised December 2014) (ML14356A136)	6/9/2015
NYS000489	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, EPRI, Industry-NRC Meeting, CASS Screening Criteria for Thermal and Irradiation Embrittlement for BWR and PWR Internals (July 15, 2014) (ML14211A661)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00490A- NYS00490B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-6909, Rev. 1, ANL-12/60, Office of Nuclear Regulatory Research, Effect of LWR Coolant Environments on the Fatigue Life of Reactor Materials, Draft Report for Comment (March 2014) (ML14087A068)	6/9/2015
NYS000491	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Stevens, Gary L., et al., Observations and Recommendations for Further Research Regarding Environmentally Assisted Fatigue Evaluation Methods, 40th MPA-Seminar, Materials Testing Institute, University of Stuttgart, Stuttgart, Germany (October 6-7, 2014) (ML14258A039)	6/9/2015
NYS000492	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Transcript of Briefing on Subsequent License Renewal to NRC Commissioners (May 8, 2014), available at <a href="http://www.nrc.gov/reading-rm/doc-collections/commission/tr/2014/20140508.pdf">http://www.nrc.gov/reading-rm/doc-collections/commission/tr/2014/20140508.pdf</a>	6/9/2015
NYS000493	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Chopra, Omesh, Public Comment on NRC-2010-0180-0001, Availability of Draft NUREG-1800, Revision 2 and Draft NUREG-1801, Revision 2 (June 9, 2010) (ML101660084)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

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NYS000494	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	U.S. NRC Regulatory Issue Summary 2014-11: Information on Licensing Application for Fracture Toughness Requirements for Ferritic Reactor Coolant Pressure Boundary Components (October 14, 2014) (ML14149A165)	6/9/2015
NYS000495	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, "Irradiation Assisted Degradation of LWR Core Internal Materials: Brief Review," Presentation by Appajosula S. Rao, U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, (April 14, 2015) (ML15103A129)	6/9/2015
NYS000496	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, License Renewal Application - Revised Reactor Vessel Internals Program and Inspection Plan, NL-12-037 (February 17, 2012) (ML12060A312)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000497	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-089 (June 14, 2012)(Also Exhibit NRC000153 & Exhibit ENT000554) (ML12167A008)	6/9/2015
NYS000498	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, License Renewal Application - Revised Reactor Vessel Internals Program and Inspection Plan, NL-12-134 (September 28, 2012) (ML12285A232)	6/9/2015
NYS000499	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-140 (October 17, 2012) (ML12300A391)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000500	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-166 (November 20, 2012) [Non-proprietary version] (ML12352A095)	6/9/2015
NYS000501	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-13-052 (May 7, 2013) (ML13142A202)	6/9/2015
NYS000502	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-13-122 (September 27, 2013) (ML13270A250)	6/9/2015
NYS000503	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-013 (January 28, 2014) (ML14038A150)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000504	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-067 (June 9, 2014) (ML14176A159)	6/9/2015
NYS000505	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-093 (August 5, 2014) (ML14225A777)	6/9/2015
NYS000506	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-117 (September 8, 2014) (ML14267A270)	6/9/2015
NYS000507	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement 2 (November 2014) (ML14310A803)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000508	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Tregoning, R.L., Reasons for Non-concurrence on Draft Safety Evaluation for the EPRI Topical Report (TR) Materials Reliability Program (MRP) Report 1016596 (MRP-227), Revision 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines (March 22, 2011) (ML110770169)	6/9/2015
NYS000509	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Case, Michael J., Comments for the Document Sponsor to Consider Pertaining to Non-Concurrence on Draft Safety Evaluation for the EPRI Topical Report (TR) Materials Reliability Program (MRP) Report 1016596 (MRP-227), Revision 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines, RES/DE (March 22, 2011) (ML110810787)	6/9/2015
NYS000510	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse Propriety Report, Class-2, Indian Point Unit 2 and Unit 3 EAF Screening Evaluations, CN-PAFM-12-35, Rev. 1 (Nov. 2012) (IPECPROP00072778) [PROPRIETARY]	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000511	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Indian Point Unit 2 (IP2) and Unit 3 (IP3) Refined EAF Analyses and EAF Screening Evaluations, Phase 2, Rev. 1, CN-PAFM-13-32 (2013) (IPECPROP00078338) [PROPRIETARY]	6/9/2015
NYS000512	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse Propriety Report, Class-2, Indian Point Unit 2 Pressurizer Spray Model Transfer Function Data Base Development and Environmental Fatigue Evaluations, CN-PAFM-13-40 (2013) (IPECPROP00079751) [PROPRIETARY]	6/9/2015
NYS000513	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kupper, C.T. and Gray, M.A., Westinghouse, License Renewal Environmental Fatigue Screening Application, Paper No. PVP2014-29093, Proceedings of the ASME 2014 Pressure Vessels & Piping Conference, Anaheim, California (July 20-24, 2014) [Full-Text Copyrighted]	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000514	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kline, S. J. and McClintock, F. A., "Describing Uncertainties in Single-Sample Experiments," J. Mech. Eng. (January 1953) [Full-Text Copyrighted]	6/9/2015
NYS000515	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	U.S. NRC Inspection Report with notices of non-conformance for Westinghouse's Quality Assurance Program (April 24, 2015) (ML15070A213)	6/9/2015
NYS000516	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Troyer, Greg and Devan, Matthew, An Assessment of Branch Technical Position 5-3 to Determine Unirradiated RTNDT for SA-508 Cl.2 Forgings, Paper No. PVP2014-28897, Proceedings of the ASME 2014 Pressure Vessels and Piping Conference, Anaheim, California (July 20-24, 2014) [Full-Text Copyrighted]	6/9/2015
NYS000517	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Salas, Pedro, Regulatory Affairs Director, AREVA, Letter to USNRC regarding Potential Non-Conservatism in NRC Branch Technical Position 5-3 (January 30, 2014) (ML14038A265)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000518	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kirk, Mark and Sheng, Simon, USNRC, Assessment of BTP 5-3 Protocols to Estimate RTNDT(u) and USE, (June 4, 2014) (ML14163A524)	6/9/2015
NYS000519	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pressurized Water Reactor Owners Group, BTP 5-3 Industry Issue, Executive Review (October 28, 2014) (IPECPROP00081155) [PROPRIETARY]	6/9/2015
NYS000520	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kirk, M. et al., "Assessment of Fracture Toughness Models for Ferritic Steels Used in Section XI of the ASME Code Relative to Current Data-Based Model," PVP2014-28540, Proceedings of PVP2014, 2014 ASME Pressure Vessels and Piping Division Conference, Anaheim, CA (July 20-24, 2014) (ML14086A183)	6/9/2015
NYS000521	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-0800, Rev. 2, Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants, LWR Edition, Branch Technical Position 5-3, Excerpted: pp. BTP-5-3-1 - BTP-5-3-8 (March 2007) (ML070850035)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000522	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Federal Register, 79 Fed. Reg. 69,884, Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments in Fatigue Analyses of Metal Components [NRC-2014-0244] (November 24, 2014)	6/9/2015
NYS000523	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC, Draft Regulatory Guide DG-1309 (Proposed Revision 1 of Regulatory Guide 1.207, dated March 2007), Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments in Fatigue Analyses of Metal Components (November 2014) (ML14171A584)	6/9/2015
NYS000524	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC, Draft License Renewal Interim Staff Guidance, LR-ISG-2011-04, Updated Aging Management Criteria for PWR Reactor Vessel Internal Components (March 13, 2012) (ML12004A149)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00525A- NYS00525B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Indian Point Unit 2 - Reactor Internals Support Support Assembly Fatigue Assessment for Use in Environmental Assisted Fatigue Calculations, Rev. 0, CN-RIDA-13-57 (2013) (IPECPROP00079572) [PROPRIETARY]	6/9/2015
NYS000526	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Transcript, Advisory Committee on Reactor Safeguards, Plat License Renewal Subcommittee with Presentation Slides (April 23, 2015) (ML15133A270)	6/9/2015
NYS000527	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	IP-RPT-11-LRD13, Entergy Nuclear Management Manual EN-DC-149, Review of the Fatigue Monitoring Aging Management Program for License Renewal Implementation (November 13, 2012) (IPEC00268373)	6/9/2015
NYS000528	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	US NRC Near-term Task Force Recommendation 2.1 Seismic Hazard Evaluation (June 19, 2014) (ML14169A489)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000529	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (Public, Redacted) (June 9, 2015)	6/9/2015
NYS000529	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (Non-Public, Non-Redacted) (June 9, 2015)	6/9/2015
NYS000530	NYS-26B/RK-TC-1B	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Public, Redacted) (June 2, 2015)	6/9/2015
NYS000530	NYS-26B/RK-TC-1B	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Non-Public, Non-Redacted) (June 2, 2015)	6/9/2015
NYS000531	NYS-38/RK-TC-5	Revised Statement of Position of the State of New York in support of Contention NYS-38/RK-TC-5 (Public, Redacted) (June 9, 2015)	6/9/2015
NYS000531	NYS-38/RK-TC-5	Revised Statement of Position of the State of New York in support of Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (June 9, 2015)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000532	NYS-38/RK-TC-5	Revised Pre-filed Written Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (Public, Redacted) (June 1, 2015)	6/9/2015
NYS000532	NYS-38/RK-TC-5	Revised Pre-filed Written Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (June 1, 2015)	6/9/2015
NYS000533	NYS-38/RK-TC-5	Report, Indian Point 3 Steam Generator Program, Rev. 7, IP3-RPT-SG-01796 (July 1, 2005) (IPEC00239312)	6/9/2015
NYS000534	NYS-38/RK-TC-5	Entergy, Engineering Report, Review of the Steam Generator Integrity Management Program for License Renewal Implementation, IP-RPT-11-LRD36, Rev. 0 (June 25, 2012) (IPEC00269432)	6/9/2015
NYS000535	NYS-38/RK-TC-5	Commitment Closure Verification Form, Commitment 41, IP2 and IP3 Steam Generator Inspections (April 24, 2013) (IPEC00277180)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000536	NYS-38/RK-TC-5	Indian Point Nuclear Generating Units 2 and 3 - NRC Integrated Inspection Report 05000247/2013002 and 05000286/2013002 (May 3, 2013) (ML13123A280)	6/9/2015
NYS000537	NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Technical Specification 5.6.8. - IP3 Steam Generator Tube Inspection Report - Spring 2013 Refueling Outage, NL-13-032 (August 15, 2013) (ML13235A047)	6/9/2015
NYS000538	NYS-38/RK-TC-5	NRC Information Notice 2013-20: Steam Generator Channel Head and Tubesheet Degradation (October 3, 2013) (ML13204A143)	6/9/2015
NYS000539	NYS-38/RK-TC-5	Ventosa, John, Entergy, letter to Document Control Desk, USNRC, Proposed License Amendment for Alternate Repair Criteria for Steam Generator Tube Inspection and Repair, NL-14-001 (January 16, 2014) (ML14027A514)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000540	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit No. 3 - Staff Summary of the Steam Generator Tube Inservice Inspections for the Spring 2013 Refueling Outage (TAC No. MF2614) (January 30, 2014) (ML14015A417)	6/9/2015
NYS000541	NYS-38/RK-TC-5	Indian Point Power Station - NRC Integrated Inspection Report 05000247/2014002 and 05000286/2014002 (May 9, 2014) (ML14132A170)	6/9/2015
NYS000542	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit No. 2 - Correction Letter to Amendment No. 277 Re: H* Alternate Repair Criteria for Steam Generator Tube Inspection and Repair (TAC No. MF3369) (September 30, 2014) (ML14252A679)	6/9/2015
NYS000543	NYS-38/RK-TC-5	Ventosa, John, Entergy, letter to Document Control Desk, USNRC, Steam Generator Examination Program Results 2014 Refueling Outage (2R21), Indian Point Unit No. 2, NL-14-113 (September 8, 2014) (ML14262A059)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS00544A-NYS00544D	NYS-38/RK-TC-5	EPRI, Technical Report (3002002850), Steam Generator Management Program: Investigation of Crack Initiation and Propagation in the Steam Generator Channel Head Assembly, Final Report (October 2014) (IPECPROP00080904) [PROPRIETARY]	6/9/2015
NYS000545	NYS-38/RK-TC-5	Coyle, Lawrence, Entergy, letter to Document Control Desk, USNRC, Response to Request for Additional Information (RAI) for the Steam Generator Examination Program Results 2014 Refueling Outage (2R21), Indian Point Unit No. 2, NL-15-001 (January 15, 2014) (ML15029A298)	6/9/2015
NYS00546	NYS-38/RK-TC-5	Slides, NRC/EPRI Steam Generator Task Force Meeting (February 12, 2015) (ML15043A610)	6/9/2015
NYS00547	NYS-38/RK-TC-5	Westinghouse WCAP-17828 Indian Point Unit 2 H* Alternate Repair Criteria (January 2014) (ML14027A515)	6/9/2015
NYS000548	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 3 Event 51046 Offsite Notification Due To Shutdown For An Unisolable Steam Leak (May 7, 2015)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000549	NYS-38/RK-TC-5	Letter, C579MPENT-12-002, Westinghouse Nuclear Safety Advisory Letter NSAL-12-1, Steam Generator Channel Head Degradation (January 6, 2012) (IPECPROP00078537) [PROPRIETARY]	6/9/2015
NYS000550	NYS-38/RK-TC-5	Slides, NRC/EPRI Steam Generator Task Force Meeting (February 6, 2013) (ML13037A891)	6/9/2015
NYS000551	NYS-38/RK-TC-5	NRC Information Notice 2013-11: Crack-Like Indications at Dents/Dings and in the Freespan Region of Thermally Treated Alloy 600 Steam Generator Tubes (July 3, 2013) (ML13127A236)	6/9/2015
NYS000552	NYS-38/RK-TC-5	Review of Lessons Learned from the San Onofre Steam Generator Tube Degradation Event (March 6, 2015) (ML15015A419)	6/9/2015
NYS000553	NYS-38/RK-TC-5	Commitment Closure Verification Form, Commitment 42, IP2 and IP3 Develop Plan for Each Unit to Address the Potential for Cracking of the Primary to Secondary Pressure Boundary Due to PWSCC of Tube-to-tubesheet welds (October 15, 2014) (IPEC00277167)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000554	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 2 Steam Generator Program Report Revision 2 (July 25, 2007) (IPEC00243510)	6/9/2015
NYS000555	NYS-38/RK-TC-5	Indian Point Nuclear Generating Units 2 and 3 Steam Generator Program Update (November 15, 2011) (IPEC00243625)	6/9/2015
NYS000556	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - Issuance of Amendments Regarding Implementation of Technical Specification Task Force 510, "Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection," TAC Nos. MF3752 and MF3753, (May 26, 2015) (ML15110A009)	6/9/2015
NYS000557	NYS-38/RK-TC-5	NRC Weekly Information Report (May 15, 2015) (ML15138A267)	6/9/2015
NYS000558	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - License Renewal Application, Excerpted: pp. 2.3-36 and 2.3-39	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000559	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - License Renewal Application, Excerpted: pp. 4.3-14 and 4.3-15.	6/9/2015
NYS000560	NYS-38/RK-TC-5	Indian Point Steam Generator Materials - Summary Table	6/9/2015
NYS000561	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 3 Event 51060 Unusual Event Declared Due To Main Transformer Fire (May 9, 2015)	6/9/2015
NYS000562	NYS-38/RK-TC-5	Revised Pre-filed Testimony of Dr. Richard T. Lahey, Jr. in Support of Joint Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (June 9, 2015)	6/9/2015
NYS000562	NYS-38/RK-TC-5	Revised Pre-filed Testimony of Dr. Richard T. Lahey, Jr. in Support of Joint Contention NYS-38/RK-TC-5 (Public, Redacted) (June 9, 2015)	6/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYSR0544 A-D	NYS-38/RK-TC-5	Revised EPRI, Technical Report (3002002850), Steam Generator Management Program: Investigation of Crack Initiation and Propagation in the Steam Generator Channel Head Assembly, Final Report (October 2014) (IPECPROP00080904) [PROPRIETARY](Color Version)	9/9/2015
NYS000563	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pressurized Water Reactor (PWR) Systems, USNRC Technical Training Center, Reactor Concepts Manual, pages 4-1 to 4-28.	9/9/2015
NYS000564	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Irradiation Embrittlement of PWR Reactor Internals, Arai, ASME JSME (1993)	9/9/2015
NYS000565	NYS-25, NYS-26B/RK-TC-1B	Technical Letter Report on Literature Review and Assessment of Potential Seismic Effects on Ongoing Material Degradation - Tensile Strength, Fracture Toughness and Physical Properties. (June 25, 2015)	9/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000566	NYS-25, NYS-26B/RK-TC-1B	Figure 1 for Supplemental Reply Testimony of Dr. Richard T. Lahey	9/9/2015
NYS000567	NYS-25	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000567	NYS-25	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015
NYS000568	NYS-25	Supplemental Reply Statement of Position of the State of New York in support of Contention NYS-25 (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000568	NYS-25	Supplemental Reply Statement of Position of the State of New York in support of Contention NYS-25 (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015
NYS000569	NYS-26B/RK-TC-1B	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Public, Redacted) (September 9, 2015)	9/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000569	NYS-26B/RK-TC-1B	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015
NYS000570	NYS-26B/RK-TC-1B	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-26B/RK-TC-1B (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000570	NYS-26B/RK-TC-1B	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-26B/RK-TC-1B (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015
NYS000571	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000571	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015

Revised: September 9, 2015

Entergy Nuclear Operations, Inc. (Indian Point Units 2 and 3),  
 Docket Nos. 50-247-LR and 50-286-LR, ASLBP No. 07-858-03-LR-BD01

Evidentiary Hearing

State of New York ("NYS") Hearing Exhibits

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date
NYS000572	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-38/RK-TC-5 (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000572	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015
NYS000573	NYS-38/RK-TC-5	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-38/RK-TC-5 (Public, Redacted) (September 9, 2015)	9/9/2015
NYS000573	NYS-38/RK-TC-5	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-38/RK-TC-5 (Non-Public, Non-Redacted) (September 9, 2015)	9/9/2015