

Revised: December 16, 2011

**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
NYSR40001	ALL	State of New York Hearing Exhibits List ("NYS Exhibits List")	12/16/2011
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: December 16, 2011

**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
NYS000013	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")	12/12/2011

Revised: December 16, 2011

**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
NYS000014	NYS-8	UFSAR, Rev. 20, Indian Point Unit 2, Excerpted: Chapter 8 - Electrical Systems (OAGI0000215_1039-OAGI0000215_1067) and Electrical Distribution and Transmission System, DWG NO. A250907-21, figure 8.2-1 and 8.2-2 (OAGI0000215_1069)(submitted with license renewal application)(2007) ("IP2 UFSAR, Rev. 20")	12/12/2011
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

Revised: December 16, 2011

**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
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
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. 4-1 to 4-23 ("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

Revised: December 16, 2011

**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
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
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: December 16, 2011

**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: December 16, 2011

**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
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

Revised: December 16, 2011

**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
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
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: December 16, 2011

**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
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, <i>NJ's Oyster Creek Must Replace New Transformer</i> , Associated Press (Dec. 10, 2010) ("Parry Article")	12/12/2011

Revised: December 16, 2011

**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
NYS000034	NYS-8	Electric Power Research Institute, Life Cycle Management Planning Sourcebooks, Volume 4: Large Power Transformers, Final Report, 1007422 (March 2003) Excerpted: 4-1 to 4-6, 4-17 and 6-2 to 6-13 ("Transformers Final Report")	12/12/2011
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-11-15A")	12/12/2011

Revised: December 16, 2011

**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: December 16, 2011

**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
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: December 16, 2011

**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: December 16, 2011

**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
NYS000045	NYS-37	State of New York Statement of Position, NYS-37 ("NYS-37 SOP")	12/14/2011
NYS000046	NYS-37	Pre-filed Testimony of David A. Schlissel ("Schlissel PFT")	12/14/2011
NYS000047	NYS-37	Pre-filed Testimony of Peter J. Lanzaotta ("Lanzaotta PFT")	12/14/2011
NYS000048	NYS-37	Pre-filed Testimony of Peter A. Bradford ("Bradford PFT")	12/14/2011
NYS000049	NYS-37	Declaration of Assistant Attorney General Susan C. von Reusner ("PFT von Reusener Decl. NYS-37")	12/14/2011
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 & 3</i> , (Nov. 28, 2007) (ML073400205) ("2007 Synapse Report")	12/14/2011

Revised: December 16, 2011

**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	<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: December 16, 2011

**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
NYS000058	NYS-37	NYISO, <i>2010 Reliability Needs Assessment Final Report</i> (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, <i>2009 Annual Report: Energizing the Empire State</i> Excerpted: p. 6 ("2009 NYISO Energizing Annual Report")	12/14/2011
NYS000060	NYS-37	<i>Electric & 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: December 16, 2011

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
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, <i>Reliability Summary 2009-2018</i> 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: December 16, 2011

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

Revised: December 16, 2011

**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
NYS000072	NYS-37	NYS PSC, <i>Commission Approves Transmission Line to NYS: Power Line Would Improve Reliability, Increase Supply</i> , Press Release (Sept. 8, 2010) ("2010 NYS PSC Press Release")	12/14/2011
NYS000073	NYS-37	Cavallo Energy, <i>Cavallo Cross Hudson Management LLC Accepting Open Season Applications for New Transmission Capacity from New Jersey to New York</i> (May 26, 2010) ("2010 Cavallo Press Release")	12/14/2011
NYS000074	NYS-37	London Economics International, LLC, <i>Projected Energy Market, Capacity Market and Emissions Impact Analysis of the Champlain-Hudson Power Express Transmission Project for New York</i> (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: December 16, 2011

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
NYS000076	NYS-37	United States Department of Energy, Champlain Hudson Power Express EIS, Docket # PP-362, main home page, available at http:// chpexpresseis.org ("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	<i>Report and Recommendations Concerning the Little Gypsy Unit 3 Repowering Project</i> , 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: December 16, 2011

**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
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

Revised: December 16, 2011

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
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
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

Revised: December 16, 2011

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
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
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

Revised: December 16, 2011

**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
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	<i>Astoria Repowering Project, Progress Report to Stakeholders and Interested Parties</i> (July 2010) ("2010 Astoria Repowering Report")	12/14/2011
NYS000092	NYS-37	<i>Remizowski, Leigh, \$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	<i>NYPA, 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	<i>Empire Generating Co., LLC, Project Timeline as of May 19, 2010</i> ("2010 Empire Project Timeline")	12/14/2011
NYS000095	NYS-37	<i>Estimate Places Natural Gas Reserves 35 percent Higher</i> , New York Times (Jun. 18, 2009) ("2009 NYT Article")	12/14/2011

Revised: December 16, 2011

**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
NYS000096	NYS-37	NYISO, <i>2007 Load and Capacity Data</i> Excerpted: pp. 1-9 ("2007 NYS Data")	12/14/2011
NYS000097	NYS-37	Curriculum Vitae of Peter J. Lanzaotta ("2011 Lanzaotta CV")	12/14/2011
NYS000098	NYS-37	Declaration of Peter J. Lanzaotta (Feb. 1, 2011)(ML110680290) ("2011 Lanzaotta Decl.")	12/14/2011
NYS000099	NYS-37	NYISO's <i>2009 Comprehensive Review of Resource Adequacy: Covering the New York Control Area for the period 2010 to 2014</i> (Mar. 10, 2010) ("2010 NYISO NYCA Resource Adequacy")	12/14/2011
NYS000100	NYS-37	NYISO, <i>2010 Load & Capacity Data - "Gold Book"</i> (April 2010) Excerpted: pp. 5-8 ("2010 NYISO Gold Book")	12/14/2011
NYS000101	NYS-37	Wilderness Society Et. Al U.S. Dept. of Energy (9th Cir. No. 08-71074) (Feb. 1, 2011) ("Wilderness Society")	12/14/2011

Revised: December 16, 2011

**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
NYS000102	NYS-37	FERC Docket No. OA08-52-003, <i>New York Independent System Operator, Inc.</i> , 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, <i>Comprehensive Reliability Plan: Comprehensive System Planning Process</i> (May 19, 2009) Excerpted: p.1 ("2009 NYISO Reliability Annual Report")	12/14/2011
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

Revised: December 16, 2011

**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
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
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

Revised: December 16, 2011

**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
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
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

Revised: December 16, 2011

**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
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 ("1994 Mainewatch Study")	12/14/2011
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

Revised: December 16, 2011

**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
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. 1, 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
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

Revised: December 16, 2011

**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
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	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
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

Revised: December 16, 2011

**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
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	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
NYS00133A- NYS00133D	NYS-37	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 1, 2 and 3</i> (December 2010) ("FSEIS")	12/14/2011

Revised: December 16, 2011

**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
NYS000134	NYS-37	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")	12/16/2011
NYS000136	NYS-6/7	Pre-filed Testimony of Earle Bascom ("Bascom PFT")	12/16/2011
NYS000137	NYS-6/7	Curriculum Vitae of Earle Bascom ("2011 Bascom CV")	12/16/2011
NYS000138	NYS-6/7	Report of Earle Bascom in Support of Contentions NYS-6/7 ("2011 Bascom Report")	12/16/2011
NYS000139	NYS-6/7	T. Miyashita, "Deterioration of Water-Immersed Polyethylene-Coated Wire by Treeing," IEEE Transactions on Electrical Insulation (September 1971)("Miyashita")	12/16/2011

Revised: December 16, 2011

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
NYS000140	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")	12/16/2011
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")	12/16/2011
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")	12/16/2011

Revised: December 16, 2011

**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")	12/16/2011
NYS000144	NYS-6/7	N. Hampton, R. Hartlein, et. al., "Long-Life XLPE Insulated Power Cable," Jicable (2007) ("Hampton")	12/16/2011
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")	12/16/2011
NYS00146A- NYS00146C	NYS-6/7	NUREG-1801, Rev. 1, Volumes 1 and 2, Generic Aging Lessons Learned (GALL) Report (September 2005) ("GALL Rev 1")	12/16/2011

Revised: December 16, 2011

**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
NYS00147A-NYS00147D	NYS-6/7, NYS-5	NUREG-1801, Rev. 2, Generic Aging Lessons Learned (GALL) Report, Final Report (December 2010) ("GALL Rev 2")	12/16/2011
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")	12/16/2011
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")	12/16/2011
NYS000150	NYS-6/7	NRC Request For Additional Information For The Review Of The Indian Point Nuclear Generating Unit Number 2 and 3 (Feb. 10, 2011) ("RAI")	12/16/2011

Revised: December 16, 2011

**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
NYS000151	NYS-6/7, NYS-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-643 (Mar. 28, 2011) ("Entergy's March 28 Response")	12/16/2011
NYS000152	NYS-6/7, NYS-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")	12/16/2011
NYS000153	NYS-6/7	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")	12/16/2011

Revised: December 16, 2011

**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
NYS000154	NYS-6/7, NYS-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")	12/16/2011
NYS000155	NYS-6/7	Inquiry Into The Auckland Power Supply Failure, Technical Report - Cable Failures, Integral Energy Australia (May 5, 1998) ("Auckland")	12/16/2011
NYS00156A-NYS00156E	NYS-6/7	SAND96-0344, "Aging Management Guideline for Commercial Nuclear Power Plants - Electrical Cable and Terminations (September 1996) ("SAND96-0344")	12/16/2011
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")	12/16/2011

Revised: December 16, 2011

**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
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")	12/16/2011
NYS000159	NYS-6/7	Entergy (NL-07-153) Amendment 1 to License Renewal Application, Excerpted: Attachment 3 - AMP Audit at 32-33 (Dec. 18, 2007) ("LRA Amendment 1")	12/16/2011
NYS000160	NYS-6/7, NYS-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) ("SSER")	12/16/2011
NYS000161	NYS-6/7	NUREG-1800, Final Report, Rev. 2, Standard Review Plan for Review of License Renewal Applications for Nuclear Plants (December 2010) ("SRP Rev 2")	12/16/2011
NYS000162	NYS-6/7	Declaration of Assistant Attorney General Lisa Feiner ("PFT Feiner Decl.")	12/16/2011

Revised: December 16, 2011

**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
NYS000163	NYS-5	State of New York Statement of Position, NYS-5 ("NYS-5 SOP")	12/16/2011
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	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
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

Revised: December 16, 2011

**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
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
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

Revised: December 16, 2011

**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
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: December 16, 2011

**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: December 16, 2011

**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: December 16, 2011

**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. 11, 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: December 16, 2011

**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, <i>New Tritium Leak Found at Indian Point</i> , 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: December 16, 2011

**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	NUREG-1800, Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants (September 2005 version) ("Sept. 2005 SRP")	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: December 16, 2011

**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	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) ("CR-IP2-2008-04754")	12/16/2011

Revised: December 16, 2011

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
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
NYS000204	NYS-5	Letter, Paul Bessette to Janice A. Dean (Nov. 17, 2009) ("Bessette Letter")	12/16/2011
NYS000205	NYS-5	Declaration of Assistant Attorney General Janice A. Dean ("PFT Dean Decl.")	12/16/2011