

Revised: June 19, 2012

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 |
|---------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| NYSR12001 | ALL | State of New York Hearing Exhibits List ("NYS Exhibits List") | 6/19/2012 |
| 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 |

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| 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 |

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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 |

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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. 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 |
| 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 |

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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 |
| 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 |

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| 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 |

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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 |

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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 |

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

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 | <i>NYISO, 2010 Summer Outlook</i> (May 27, 2010) ("2010 NYISO Summer Outlook") | 12/14/2011 |
| NYS000058 | NYS-37 | <i>NYISO, 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 | <i>NYISO, 2009 Annual Report: Energizing the Empire State</i> Excerpted: p. 6 ("2009 NYISO Energizing Annual Report") | 12/14/2011 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| NYS000073 | NYS-37 | <i>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")</i> | 12/14/2011 |
| NYS000074 | NYS-37 | <i>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")</i> | 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 |
| 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 |

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| 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 <i>Clean Energy Strategy for New York</i> (Apr. 19, 2007) ("2007 Spitzer's 15 x 15") | 12/14/2011 |
| 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 |

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| 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 |
| 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 |

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| NYS Exhibit # | Contentions Addressed by Exhibit | Exhibit Name | Exhibit Submission / Revision Date |
|---------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 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 | NYSDERA, <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 |

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| 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, prepared for NYSDERA by GE Energy Consulting (March 2005) Excerpted: pp. v-x, 1.1-2.16 ("2005 Phase 2 Report")</i> | 12/14/2011 |
| NYS000089 | NYS-37 | <i>NYSERDA, New York State Renewable Portfolio Standard Performance Report for the Program Period ending March 2007 (August 2007) Excerpted: p. ES-2 ("March 2007 NYS RPS Report")</i> | 12/14/2011 |
| NYS000090 | NYS-37 | <i>The Proposed Broadwater LNG Import Terminal Update of Synapse Analysis (Jan. 19, 2007) ("2007 Broadwater Update")</i> | 12/14/2011 |
| NYS000091 | NYS-37 | <i>Astoria Repowering Project, Progress Report to Stakeholders and Interested Parties (July 2010) ("2010 Astoria Repowering Report")</i> | 12/14/2011 |

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| 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 | <i>Estimate Places Natural Gas Reserves 35 percent Higher</i> , New York Times (Jun. 18, 2009) ("2009 NYT Article") | 12/14/2011 |
| 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. 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 |

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|----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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, <i>Final Report, Comprehensive Reliability Plan: Comprehensive System Planning Process</i> (May 19, 2009) Excerpted: p.1 ("2009 NYISO Reliability Annual Report") | 12/14/2011 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |

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| 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 |

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

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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. 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 |

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|---------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 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 |

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| 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 | 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 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS00133A-NYS00133D | NYS-37, NYS-16B, NYS-17B | 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 |
| NYS00133E-NYS00133J | NYS-37, NYS-16B, NYS-17B | 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") | 12/16/2011 |
| 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 |

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|----------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |

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|----------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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|-------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 Learned (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 |
| 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 |

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|----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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-643 (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 |
| 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 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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|----------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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") | 12/15/2011 |
| NYS000160 | NYS-6/7, NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-338/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) ("SSER") | 12/15/2011 |
| 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) ("SRP Rev 2") | 12/15/2011 |
| NYS000162 | NYS-6/7 | Declaration of Assistant Attorney General Lisa Feiner ("PFT Feiner Decl.") | 12/15/2011 |

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| 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 |
| 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 |

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| 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 |
| NYS000173 | NYS-5 | CEP-UPT-0100, Rev. 0, Underground Piping and Tanks Inspection and Monitoring (IPEC00234964) ("CEP-UPT-0100") | 12/16/2011 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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| NYS Exhibit # | Contentions Addressed by Exhibit | Exhibit Name | Exhibit Submission / Revision Date |
|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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|----------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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|----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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|----------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000195 | NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-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 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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) ("CR-IP2-2008-04754") | 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 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| NYS000211 | NYS-16B | Enercon, Site Specific MACCS2 Input Data for Indian Point Energy Center, Revision 1 (Dec. 1, 2009) Excerpted: pp. 1-1 to 2-7 ("Consultant's Report") | 12/16/2011 |

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|---------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 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," <i>Journal of the American Statistical Association</i> , 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 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000216 | NYS-16B | NUREG/CR-6613, SAND97-0594, D. Chanin, M.L. Young, J. Randall and K. Jamali, <i>Code Manual for MACCS2: Volume 1, User's Guide</i> (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 |
| 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 |

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|---------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 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 |
| NYS000226 | NYS-17B | Report of Stephen C. Sheppard, <i>Potential Impacts of Indian Point Relicensing on Property Values</i> , (Nov. 29, 2007) (ML073400193) ("2007 Sheppard Report") | 12/17/2011 |

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|----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000227 | NYS-17B | Report of Stephen C. Sheppard, <i>Potential Impacts of Indian Point Relicensing with Delayed Site Remediation</i> , (Feb. 26, 2009) (ML090690303) ("2009 Sheppard Report") | 12/17/2011 |
| NYS000228 | NYS-17B | Report of Stephen C. Sheppard, <i>Determinants of Property Values</i> , (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, <i>Potential Economic Impacts Related to Property Value Diminution in Communities Surrounding the IPEC</i> , (Jan. 24, 2011) (ML110390250) ("January 2011 Sheppard Report") | 12/17/2011 |
| 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 |

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|---------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| NYS000232 | NYS-17B | <i>Measuring the Externalities of Nuclear Power: A Hedonic Study</i> , Prest, B., unpublished thesis, Williams College (Nay 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 |
| 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 |

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|----------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000236 | NYS-17B | D. Clark, L. Michelbrink, T. Allison, and W. Metz, Nuclear Power Plants and Residential Housing Prices, Growth and Change, 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 | <i>Preliminary Decommissioning Cost Analysis for the Indian Point Energy Center, Unit 3</i> , 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 |
| NYS000241 | NYS-12C | Pre-filed Testimony of Dr. Francois J. LeMay ("LeMay PFT") | 12/21/2011 |
| NYS000242 | NYS-12C | Report of International Safety Research, Inc. ("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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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," <u>Health Phys.</u> , E.B. Farfan, S.P. Gaschak, et al. (2011) ("Abstract") | 12/21/2011 |
| 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 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000258 | NYS-12C | Census of Population and Housing, Measuring America: The Decennial Censuses from 1790 to 2000 ("Decennial Census Data") | 12/21/2011 |
| 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 |

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|----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000263 | NYS-12C | Environmental consequences of the Chernobyl accident and their remediation: twenty years of experience, 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, The Asahi Shimbun (Nov. 11, 2011) ("Sugimoto Article") | 12/21/2011 |
| NYS000265 | NYS-12C | Gov't nuclear cleanup work has to wait at least until late March, The Mainichi Daily News (Dec. 12, 2011) ("December Mainichi Article") | 12/21/2011 |
| NYS000266 | NYS-12C | GSDF members start helping with Fukushima decontamination effort, AP/Japan Today (Dec. 8, 2011) ("Fukushima AP Article") | 12/21/2011 |
| NYS000267 | NYS-12C | Decontamination work at homes in Fukushima not going well as radiation lingers, The Mainichi Daily News (Nov. 24, 2011) ("November Mainichi Article") | 12/21/2011 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| NYS00270A-NYS00270B | NYS-12C | Enercon, Site Specific MACCS2 Input Data for Indian Point Energy Center, Revision 1 (Dec. 1, 2009) ("Enercon MACCS2 Input Data") | 12/21/2011 |
| 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 |

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|----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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, Current Issues in Economics and Finance, Vol. 14, No. 3, A. Haughwout, et al. (Apr./May 2008) ("Land Prices") | 12/21/2011 |
| NYS000278 | NYS-12C | Property Values in New York Show Vibrancy, S. Chan and R. Rivera, The New York Times (Jan. 13, 2007) ("NYT Article") | 12/21/2011 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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, Science and Global Security, Vol. 2, pp. 22-41, S. Fetter and F. von Hippel (1990) ("Fetter Paper") | 12/21/2011 |

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| 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, The New York Times (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 |

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|----------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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. Francois 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-25A SOP") | 12/22/2011 |
| NYS000294 | NYS-25 | Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-25A") | 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 |
| 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 |

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|----------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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") | 12/22/2011 |
| NYS000298 | NYS-25, NYS-26B/RK-TC-1B | 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 |
| NYS000300 | NYS-25, NYS-26B/RK-TC-1B | 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.") | 12/22/2011 |

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| 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 | 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 |
| 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 |

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|----------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| NYS000306 | 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") | 12/22/2011 |
| 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 |

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|----------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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| 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 |
| NYS000313 | NYS-25, NYS-38/RK-TC-5 | Entergy submission to the Atomic Safety and Licensing Board <i>conveying</i> 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 |

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| 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 |

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| 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 |
| 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 |

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|----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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 |

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| 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") | 12/22/2011 |
| 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 |

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|----------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS00326A-NYS00326F | NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | NRC Staff, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generation Units Nos. 2 and 3, NUREG-1930 (November 2009) ("NUREG-1930") | 12/22/2011 |
| 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 |

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| 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 |
| 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 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000336 | NYS-25, NYS-38/RK-TC-5 | Barnes, "A Theory of Swelling and Gas Release for Reactor Materials," <u>J. of Nuclear Materials</u> , Vol-11(2), pp. 135-148 (1964) ("Barnes") | 12/22/2011 |
| NYS000337 | 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") | 12/22/2011 |
| NYS000338 | NYS-25, NYS-38/RK-TC-5 | Tong, L.S. and Weisman, J., "Thermal Analysis of Pressurized Water Reactors," ANS Monograph, Excerpted: pp. 147-149 (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 |

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|----------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |
| 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") | 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")(revised to show exhibit number marked on document) | 12/27/2011 |
| NYSR00344 | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-26B")(revised to show exhibit number marked on document) | 12/27/2011 |
| NYS000345 | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Cengel & Turner, "Fundamentals of Thermal-Fluid Sciences," Excerpted: pp. 759-760, McGraw-Hill (2001) ("Cengel") | 12/22/2011 |
| NYS000346 | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Kreith, "Principles of Heat Transfer," Excerpted: p. 353, Int. Text Book Co. (1961) ("Kreith") | 12/22/2011 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000347 | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Vardeman & Jobe, "Basic Engineering Data Collection and Analysis," Excerpted: pp. 310-311, Duxbury (2001) ("Vardeman") | 12/22/2011 |
| 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 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |

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|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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, <i>WESTEMS</i> computer code manual, version 4.5, Vol. 1, Rev. 0 (March 2007) [as excerpted and produced by Entergy] ("WESTEMS") | 12/22/2011 |
| 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") | 12/22/2011 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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") | 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") | 12/22/2011 |
| 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") | 12/22/2011 |

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| 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") | 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") | 12/22/2011 |
| 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") | 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") | 12/22/2011 |

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|--------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| NYS000368 | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Westinghouse (<u>W</u>) - 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") | 12/22/2011 |
| NYS00369A- NYS000369B | NYS-26B/RK-TC-1B, NYS-38/RK-TC-5 | Westinghouse (<u>W</u>), 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") | 12/22/2011 |

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| 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 |

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| 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 |

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|----------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 Ageing 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 |

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|----------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |

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|----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 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 |

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| 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 |
| NYS000397 | NYS-38/RK-TC-5 | Declaration of Assistant Attorney General John J. Sipos ("PFT Sipos Decl. NYS-38/RK-TC-5") | 6/19/2012 |