

United States Nuclear Regulatory Commission Official Hearing Exhibit

In the Matter of: Entergy Nuclear Operations, Inc.
(Indian Point Nuclear Generating Units 2 and 3)



ASLBP #: 07-858-03-LR-BD01
Docket #: 05000247 | 05000286
Exhibit #: NYSR25001-00-BD01
Admitted: 11/5/2015
Rejected:
Other:

Identified: 11/5/2015
Withdrawn:
Stricken:

Revised: November 4, 2015

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

Evidentiary Hearing

**State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions**

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYSR25001	ALL	State of New York Hearing Exhibits List ("NYS Exhibits List")	11/4/2015	Filed But Not Admitted
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	NYS00146A-00-BD01 - NYS00146C-00-BD01
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	NYS00147A-00-BD01 - NYS00146D-00-BD01
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	NYS000150-00-BD01
NYS000151	NYS-6/7, NYS-5, NYS-38/RK-TC-5	Entergy Response (NL-11-032) to Request for Additional Information (RAI), Aging Management Programs, Indian Point Nuclear Generating Unit Nos. 2 & 3, Docket Nos. 50-247 and 50-286, License Nos. DPR-26 and DPR-64 (Mar. 28, 2011) ("Entergy's March 28 Response")	12/15/2011	NYS000151-00-BD01
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	NYS000152-00-BD01

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

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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	NYS000153-00-BD01
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	NYS000154-00-BD01
NYS000160	NYS-6/7, NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement No. 1, Docket Nos. 50-247 and 50-286 (August 2011) ("NUREG-1930 SSER")	12/15/2011	NYS000160-00-BD01
NYS000161	NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1800, Final Report, Rev. 2, Standard Review Plan for Review of License Renewal Applications for Nuclear Plants (December 2010 version) ("SRP Rev 2")	12/15/2011	NYS000161-00-BD01
NYS000166	NYS-5, NYS-38/RK-TC-5	Curriculum Vitae of David J. Duquette ("2011 Duquette CV")	12/16/2011	NYS000166-00-BD01
NYS000195	NYS-5, NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1800, Rev. 1, Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants (September 2005 version) ("SRP Rev 1")	12/16/2011	NYS000195-00-BD01

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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	NYS000199-00-BD01
NYS000293	NYS-25	State of New York Statement of Position, NYS-25A ("NYS-25 SOP")	12/22/2011	NYS000293-00-BD01
NYS000294	NYS-25	Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-25")	12/22/2011	NYS000294-00-BD01
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	NYS000295-00-BD01
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	NYS000296-00-BD01
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") (PUBLIC)	12/22/2011	NYS000297-PUB-00-BD01
NYS000297	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Supplemental Report of Richard T. Lahey, Jr. (Dec. 21, 2011) ("2011 Lahey Supp Report") (NON-PUBLIC)	12/22/2011	NYS000297-NONPUB-00-BD01

Revised: November 4, 2015

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

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NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000298	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of Notice of Intention to Participate and Petition to Intervene filed by the State of New York in Indian Point license renewal proceeding (Nov. 30, 2007) ("2007 Lahey Decl.")	12/22/2011	NYS000298-00-BD01
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	NYS000299-00-BD01
NYS000300	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of the State of New York's New and Amended Contention Concerning Metal Fatigue (NYS-26B/RK-TC-1B) in Indian Point license renewal proceeding (Sept. 8, 2010) ("Sept. 8, 2010 Lahey Decl.") (PUBLIC)	12/22/2011	NYS000300-PUB-00-BD01
NYS000300	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of the State of New York's New and Amended Contention Concerning Metal Fatigue (NYS-26B/RK-TC-1B) in Indian Point license renewal proceeding (Sept. 8, 2010) ("Sept. 8, 2010 Lahey Decl.") (NON-PUBLIC)	12/22/2011	NYS000300-NONPUB-00-BD01

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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	NYS000301-00-BD01
NYS000302	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Lahey, R.T., Jr., Declaration in Support of State of New York and Riverkeeper's Contention NYS-38/RK-TC-5 (Sept. 30, 2011) ("Sept 2011 Lahey Decl.")	12/22/2011	NYS000302-00-BD01
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	NYS000303-00-BD01
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	NYS000304-00-BD01
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	NYS000305-00-BD01

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

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NYSR00306	NYS-25, NYS-38/RK-TC-5	EPRI, Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluation Guidelines, (MRP-227-Rev. 0), Report 1016596, Excerpted: pp. 3-9, 4-54 - 4-67 (December 2008) ("EPRI Slides MRP-227-Rev. 0 Excerpt")	10/1/2012	NYSR00306-00-BD01
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	NYS00307A-00-BD01 - NYS00307D-00-BD01
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	NYS000308-00-BD01
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	NYS000309-00-BD01
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	NYS000310-00-BD01
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	NYS000311-00-BD01

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

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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	NYS000312-00-BD01
NYS000313	NYS-25, NYS-38/RK-TC-5	Entergy submission to the Atomic Safety and Licensing Board conveying Entergy NL-10-063 communication to NRC Staff (Jul. 14, 2010) re Indian Point License Renewal Application Amendment No. 9, reactor vessel internals program (Jul. 15, 2010) ("Entergy NL-10-063")	12/22/2011	NYS000313-00-BD01
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	NYS000314-00-BD01
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	NYS000315-00-BD01

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

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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	NYS000316-00-BD01
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	NYS000317-00-BD01
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	NYS000318-00-BD01

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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	NYS000319-00-BD01
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	NYS00320A-00-BD01 - NYS00320B-00-BD01
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	NYS000321-00-BD01
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	NYS000322-00-BD01
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") (PUBLIC)	12/22/2011	NYS000323-PUB-00-BD01
NYS000323	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, MRP-228; Materials Reliability Program: Inspection Standard for PWR Internals, Final Report (1016609) (July 2009) ("EPRI MRP-228") (NON-PUBLIC)	12/22/2011	NYS000323-NONPUB-00-BD01

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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	NYS000324-00-BD01
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	NYS000325-00-BD01
NYS00326A-NYS00326F	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, NRC Staff, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generation Units Nos. 2 and 3 (November 2009) ("NUREG-1930 SER")	12/22/2011	NYS00326A-00-BD01 - NYS00326F-00-BD01
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	NYS000327-00-BD01
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	NYS000328-00-BD01
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	NYS000329-00-BD01

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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	NYS000330-00-BD01
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	NYS000331-00-BD01
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	NYS000332-00-BD01
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	NYS000333-00-BD01
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	NYS000334-00-BD01
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	NYS000335-00-BD01
NYS000336	NYS-25, NYS-38/RK-TC-5	Barnes, "A Theory of Swelling and Gas Release for Reactor Materials," <i>J. of Nuclear Materials</i> , Vol-11(2), pp. 135-148 (1964) ("Barnes")	12/22/2011	NYS000336-00-BD01

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NYSR00337	NYS-25, NYS-38/RK-TC-5	Hawthorne, et al., "Influence of Radiation on Material Properties," 13th International Symposium (Part-II), ASTM 04-956000-35, pp. 191-206 (June 1986) ("Hawthorne Paper")	10/1/2012	NYS000337-00-BD01
NYS000338	NYS-25, NYS-38/RK-TC-5	Tong, L.S. and Weisman, J., "Thermal Analysis of Pressurized Water Reactors," <i>ANS Monograph</i> , Excerpted: pp. 147-148 (1970) ("Tong")	12/22/2011	NYS000338-00-BD01
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	NYS000339-00-BD01
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	NYS000340-00-BD01
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	NYS000341-00-BD01
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") (PUBLIC)	12/22/2011	NYS000342-PUB-00-BD01
NYS000342	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Letter No. LTR-PAFM-03-42, Yang, "Procedures for Transfer Function Database Creation and Guidelines for the Associated Finite Element Analysis" (March 2006) ("LTR-PAFM-03-42") (NON-PUBLIC)	12/22/2011	NYS000342-NONPUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYSR00343	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	State of New York Statement of Position, NYS-26B ("NYS-26B SOP")	12/27/2011	NYSR00343-00-BD01
NYSR10344	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pre-filed Testimony of Richard T. Lahey, Jr. ("Lahey PFT NYS-26B")	10/1/2012	NYSR10344-00-BD01
NYS000345	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Cengel & Turner, <i>Fundamentals of Thermal-Fluid Sciences</i> Excerpted: pp. 759-760, McGraw-Hill (2001) ("Cengel")	12/22/2011	NYS000345-00-BD01
NYS000346	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kreith, <i>Principles of Heat Transfer</i> , Excerpted: p. 353, Int. Text Book Co. (1961) ("Kreith")	12/22/2011	NYS000346-00-BD01
NYS000347	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Vardeman & Jobe, <i>Basic Engineering Data Collection and Analysis</i> , Excerpted: pp. 310-311, Duxbury (2001) ("Vardeman")	12/22/2011	NYS000347-00-BD01
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	NYS000348-00-BD01
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	NYS000349-00-BD01
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	NYS000350-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000351-00-BD01
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	NYS000352-00-BD01
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	NYS000353-00-BD01
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	NYS000354-00-BD01
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	NYS000355-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000356-00-BD01
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	NYS000357-00-BD01
NYS00358	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WESTEMS computer code manual, version 4.5, Vol. 1, Rev. 0 (March 2007) [as excerpted and produced by Entergy] ("WESTEMS") (PUBLIC)	12/22/2011	NYS000358-PUB-00-BD01
NYS00358A-NYS00358B	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WESTEMS computer code manual, version 4.5, Vol. 1, Rev. 0 (March 2007) [as excerpted and produced by Entergy] ("WESTEMS") (NON-PUBLIC)	12/22/2011	NYS00358A-NONPUB00-BD01 - NYS00358B-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000359-PUB-00-BD01 - NYS000359-PUB-00-BD01
NYS000359	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP 14173, Rev. 2, Roarty, et al., Global to Local Transformations and Stress Transfer Functions for Pressurizer Surge Line, Pressurizer Lower Head and Pressurizer Spray Line (IPECPROP00060808) (August 1995) ("WCAP 14173 Rev. 2") (NON-PUBLIC)	12/22/2011	NYS000359-NONPUB-00-BD01 - NYS000359-NONPUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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 # D0514, Trans. SMiRT-19, Toronto (August 2007) ("Cranford Paper")	12/22/2011	NYS000360-00-BD01
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") (PUBLIC)	12/22/2011	NYS000361-PUB-00-BD01
NYS000361	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17199-P, Rev. 0, Environmental Fatigue Evaluation for Indian Point 2 (June 2010) ("WCAP-17199-P Rev. 0") (NON-PUBLIC)	12/22/2011	NYS000361-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000362-PUB-00-BD01
NYS000362	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17200-P, Rev. 0, Environmental Fatigue Evaluation for Indian Point Unit 3 (June 2010) ("WCAP-17200-P Rev. 0") (NON-PUBLIC)	12/22/2011	NYS000362-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000363-PUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000363	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17149-P, Rev. 1, Evaluation of Pressurizer Insurge/Outsurge Transients for Indian Point Unit 2 (IPECPROP00056663-IPECPROP00056716) and Westinghouse, WCAP-17162-P, Rev. 1, Evaluation of Pressurizer Insurge/Outsurge Transients for Indian Point Unit 3 (IPECPROP00056717-IPECPROP00056771) (July 2010) ("WCAP-17149-P Rev. 1") (NON-PUBLIC)	12/22/2011	NYS000363-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000364-PUB-00-BD01
NYS000364	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-21, IPECPROP0057432, Indian Point Units 2 & 3 Charging Nozzles Environmental Fatigue Evaluation (Jun. 18, 2010) ("CN-PAFM-09-21") (NON-PUBLIC)	12/22/2011	NYS000364-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000365-PUB-00-BD01
NYS000365	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-67, IPECPROP00057917, Pressurizer Surge Nozzle and Lower Head Transfer Functions for Indian Point Units 2 and 3 (Jun. 18, 2010) ("CN-PAFM-09-67") (NON-PUBLIC)	12/22/2011	NYS000365-NONPUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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") (PUBLIC)	12/22/2011	NYS000366-PUB-00-BD01
NYS000366	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note. CN-PAFM-09-77, IPECPROP00057881/3, Indian Point Units 2 & 3 Accumulator Nozzle Environmental Fatigue Evaluation (Jun. 18, 2010) ("CN-PAFM-09-77") (NON-PUBLIC)	12/22/2011	NYS000366-NONPUB-00-BD01
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") (PUBLIC)	12/22/2011	NYS000367-PUB-00-BD01
NYS000367	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-79, IPECPROP00057559, Indian Point Unit 2 Boron Injection Tank Nozzle Environmental Fatigue Evaluations (Jun. 18, 2010) ("CN-PAFM-09-79") (NON-PUBLIC)	12/22/2011	NYS000367-NONPUB-00-BD01
NYS000368	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-117, IPECPROP00057276, Indian Point Units 2 and 3 Hot Leg Surge Nozzle Environmental Fatigue Evaluations (Jun. 18, 2010) ("CN-PAFM-09-117") (PUBLIC)	12/22/2011	NYS000368-PUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
 Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000368	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W) - Calculation Note, CN-PAFM-09-117, IPECPROP00057276, Indian Point Units 2 and 3 Hot Leg Surge Nozzle Environmental Fatigue Evaluations (Jun. 18, 2010) ("CN-PAFM-09-117") (NON-PUBLIC)	12/22/2011	NYS000368-NONPUB-00-BD01
NYS00369A-NYS00369B	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W), WCAP-12191, Rev. 3, Transient and Fatigue Cycle Monitoring Program Transient History Evaluation Report for Indian Point Unit 2 Addendum 1 (September 2003) ("WCAP-12191 Rev. 3") (PUBLIC)	12/22/2011	NYS00369A-PUB-00-BD01 - NYS00369B-PUB-00-BD01
NYS00369A-NYS00369B	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse (W), WCAP-12191, Rev. 3, Transient and Fatigue Cycle Monitoring Program Transient History Evaluation Report for Indian Point Unit 2 Addendum 1 (September 2003) ("WCAP-12191 Rev. 3") (NON-PUBLIC)	12/22/2011	NYS00369A-NONPUB-00-BD01 - NYS00369B-NONPUB-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000370-00-BD01
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	NYS000371-00-BD01
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	NYS000372-00-BD01
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	NYS000373-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000374-00-BD01
NYS000375	NYS-38/RK-TC-5	Nuclear Steam Supply System (Westinghouse MB 3618A diagram)	6/19/2012	NYS000375-00-BD01
NYS000376	NYS-38/RK-TC-5	Westinghouse Steam Generator (Westinghouse MB 3593 diagram)	6/19/2012	NYS000376-00-BD01
NYS000377	NYS-38/RK-TC-5	Steam Generator Tube Operational Experience (ML013100106)(from NRC Website (Nov. 2, 2000))	6/19/2012	NYS000377-00-BD01
NYS000378	NYS-38/RK-TC-5	History of Westinghouse Model 44 Steam Generators (ML013100106)(from NRC Website (Nov. 2, 2000))	6/19/2012	NYS000378-00-BD01
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	NYS000379-00-BD01
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	NYS000380-00-BD01
NYS000381	NYS-38/RK-TC-5	G. Roussel, "Management of the Nickel-Base Alloy Cracking in Butt Welds at Belgian Nuclear Power Plants" in Aging Issues in Nuclear Power Plants (NuPeer 2005)	6/19/2012	NYS000381-00-BD01
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	NYS000382-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000383-00-BD01
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	NYS000384-00-BD01
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	NYS000385-00-BD01
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	NYS000386-00-BD01
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	NYS000387-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
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	NYS000388-00-BD01
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	NYS000389-00-BD01
NYS000390	NYS-38/RK-TC-5	NEI Steam Generator Task Force - NRC/Industry Update (ML110490077)(Feb. 18, 2011)	6/19/2012	NYS000390-00-BD01
NYS000391	NYS-38/RK-TC-5	NEI Steam Generator Task Force - NRC/Industry Update (Aug. 4, 2011)	6/19/2012	NYS000391-00-BD01
NYS000392	NYS-38/RK-TC-5	EPRI presentation, Steam Generator Task Force / Nuclear Regulatory Commission Biannual Meeting (ML12047A296)(Feb. 16, 2012)	6/19/2012	NYS000392-00-BD01
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	NYS000393-00-BD01
NYS000394	NYS-38/RK-TC-5	EPRI, 2012 Research Portfolio, Steam Generator Management (2012)	6/19/2012	NYS000394-00-BD01
NYS000395	NYS-38/RK-TC-5	Entergy letter to ASLB re status of fatigue analysis (May 15, 2012)	6/19/2012	NYS000395-00-BD01
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	NYS000396-00-BD01

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000397	NYS-38/RK-TC-5	Declaration of Assistant Attorney General John J. Sipos (Jun. 19, 2012) ("PFT Sipos Decl. NYS-38/RK-TC-5")	6/19/2012	NYS000397-00-BD01
NYS000439	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (Jun. 29, 2012) (NON-PUBLIC)	6/29/2012	NYS000439-00-BD01
NYS000440	NYS-26B/RK-TC-1B	Pre-filed Rebuttal Testimony of Dr. Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (Jun. 29, 2012) (NON-PUBLIC)	6/29/2012	NYS000440-00-BD01
NYS000451	NYS-38/RK-TC-5	State of New York and Riverkeeper Inc. Revised Statement of Position In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012	Filed But Not Admitted
NYS000452	NYS-38/RK-TC-5	Pre-filed Written Rebuttal Testimony of Dr. David J. Duquette In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 8, 2012)	11/9/2012	Filed But Not Admitted
NYS000453	NYS-38/RK-TC-5	Pre-filed Written Rebuttal Testimony of Dr. Richard T. Lahey, Jr. In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012	Filed But Not Admitted
NYS000454	NYS-38/RK-TC-5	Comparison of GALL Rev. 1 with GALL Rev. 2 on Steam Generator Divider Plates	11/9/2012	Filed But Not Admitted
NYS000455	NYS-38/RK-TC-5	Comparison of GALL Rev. 1 with GALL Rev. 2 on Tube to Tube Sheet Welds	11/9/2012	Filed But Not Admitted
NYS000456	NYS-38/RK-TC-5	History of Steam Generators, Indian Point Unit 2 and Unit 3	11/9/2012	Filed But Not Admitted
NYS000457	NYS-38/RK-TC-5	NRC's Response to the February 15, 2000 Steam Generator Tube Rupture at Indian Point Unit 2 Power Plant, Case No. 00-03S (Aug. 29, 2000)	11/9/2012	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000458	NYS-38/RK-TC-5	Email; From K. Karwoski; To: M. Khanna; Subject: Plants who have Replaced Steam Generators; Attachments: Steam Generator Replacements - Completed.doc; Sent: Thursday, October 08, 2009, 12:16 PM (ML100750361)	11/9/2012	Filed But Not Admitted
NYS000459	NYS-38/RK-TC-5	Letter; From: R.J. Conte, Chief, Engineering Branch 1, Division of Reactor Safety; To: C. Wamser, Entergy Nuclear Operations, Inc., Vermont Yankee Nuclear Power Station; Vermont Yankee Nuclear Power Station - NRC Integrated Inspection Report 05000271/2011011 (ML113560064) (Dec. 22, 2011)	11/9/2012	Filed But Not Admitted
NYS000460	NYS-38/RK-TC-5	Letter; From: S. Hofmann, Deputy Commissioner, State of Vermont Department of Public Service; To: W. Dean, Regional Administrator, U.S. NRC Region I; Re: Commitment Change Process (Dec. 23, 2011)	11/9/2012	Filed But Not Admitted
NYS000461	NYS-38/RK-TC-5	Letter; From: Representative E. Markey; To: G. Jaczko, Chairman, NRC regarding Vermont Yankee Inspection Report (ML12103A406) (Mar. 16, 2012)	11/9/2012	Filed But Not Admitted
NYS000462	NYS-38/RK-TC-5	Letter; From: R. J. Conte, Chief, Engineering Branch 1, Division of Safety, NRC; To: C. Warner, Site Vice President, Entergy Nuclear Operations, Inc., Vermont Yankee Nuclear Power Plant; Subject: Vermont Yankee Nuclear Power Station - NRC Inspection Report 05000271/2012008 (Apr. 20, 2012)	11/9/2012	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000463	NYS-38/RK-TC-5	Slides (EPRI), NRC/EPRI Steam Generator Task Force Meeting (ML12234A683) (Aug. 21, 2012)	11/9/2012	Filed But Not Admitted
NYS000464	NYS-38/RK-TC-5	Declaration of John J. Sipos In Support of Joint Contention NYS-38/RK-TC-5 (Nov. 9, 2012)	11/9/2012	Filed But Not Admitted
NYSR00472	NYS-38/RK-TC-5	Dolley, Stephen, "DOE plan coordinates R&D on extending LWR lifetimes," Nucleonics Week, p. 2, Vol. 53, No. 6 (Feb. 9, 2012)	2/1/2013	NYSR00472-00-BD01
NYS000481	NYS-25	Revised Statement of Position of the State of New York in support of Contention NYS-25 (PUBLIC, REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000481	NYS-25	Revised Statement of Position of the State of New York in support of Contention NYS-25 (NON-PUBLIC, NON-REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000482	NYS-25	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (PUBLIC, REDACTED) (June 2, 2015)	6/9/2015	Filed But Not Admitted
NYS000482	NYS-25	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (NON-PUBLIC, NON-REDACTED) (June 2, 2015)	6/9/2015	Filed But Not Admitted
NYS000483	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Declaration of Richard T. Lahey, Jr. in Support of Contention NYS-25 (Feb. 12, 2015)(PUBLIC, REDACTED) (ML15044A492)	6/9/2015	Filed But Not Admitted
NYS000483	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Declaration of Richard T. Lahey, Jr. in Support of Contention NYS-25 (Feb. 12, 2015)(NON-PUBLIC, NON-REDACTED) (ML15044A510)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS00484A-NYS00484B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7153, Vol. 2, Expanded Materials Degradation Assessment (EMDA), Aging of Core Internals and Piping Systems (October 2014) (ML14279A331)	6/9/2015	Filed But Not Admitted
NYS000485	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	DOE, Office of Nuclear Energy, Light Water Reactor Sustainability Program: Materials Aging and Degradation Pathway Technical Program Plan, ORN/LTR-2012/327, Rev. 1 (August 2014), available at https://inlportal.inl.gov/portal/server.pt/community/lwrs_program/442/program_documents	6/9/2015	Filed But Not Admitted
NYS000486	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Stevens, Gary L., Presentation to ACRS on Technical Brief on Regulatory Guidance for Evaluating the Effects of Light Water Reactor Coolant Environments in Fatigue Analyses of Metal Components (December 2, 2014) (ML14351A368)	6/9/2015	Filed But Not Admitted
NYS000487	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7027 (ANL-10-11), Degradation of LWR Core Internal Materials due to Neutron Irradiation (December 2010)(ML102790482)	6/9/2015	Filed But Not Admitted
NYS00488A-B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7184 (ANL-12/56), Chen, et al., Crack Growth Rate and Fracture Toughness Tests on Irradiated Cast Stainless Steels (Revised December 2014) (ML14356A136)	6/9/2015	Filed But Not Admitted
NYS000489	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, EPRI, Industry-NRC Meeting, CASS Screening Criteria for Thermal and Irradiation Embrittlement for BWR and PWR Internals (July 15, 2014) (ML14211A661)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS00490A- NYS00490B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-6909, Rev. 1, ANL-12/60, Office of Nuclear Regulatory Research, Effect of LWR Coolant Environments on the Fatigue Life of Reactor Materials, Draft Report for Comment (March 2014) (ML14087A068)	6/9/2015	Filed But Not Admitted
NYS000491	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Stevens, Gary L., et al., Observations and Recommendations for Further Research Regarding Environmentally Assisted Fatigue Evaluation Methods, 40th MPA-Seminar, Materials Testing Institute, University of Stuttgart, Stuttgart, Germany (October 6-7, 2014) (ML14258A039)	6/9/2015	Filed But Not Admitted
NYS000492	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Transcript of Briefing on Subsequent License Renewal to NRC Commissioners (May 8, 2014), available at http://www.nrc.gov/reading-rm/doc-collections/commission/tr/2014/20140508.pdf	6/9/2015	Filed But Not Admitted
NYS000493	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Chopra, Omesh, Public Comment on NRC-2010-0180-0001, Availability of Draft NUREG-1800, Revision 2 and Draft NUREG-1801, Revision 2 (June 9, 2010) (ML101660084)	6/9/2015	Filed But Not Admitted
NYS000494	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	U.S. NRC Regulatory Issue Summary 2014-11: Information on Licensing Application for Fracture Toughness Requirements for Ferritic Reactor Coolant Pressure Boundary Components (October 14, 2014) (ML14149A165)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000495	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Slides, "Irradiation Assisted Degradation of LWR Core Internal Materials: Brief Review," Presentation by Appajosula S. Rao, U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, (April 14, 2015) (ML15103A129)	6/9/2015	Filed But Not Admitted
NYS000496	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, License Renewal Application - Revised Reactor Vessel Internals Program and Inspection Plan, NL-12-037 (February 17, 2012) (ML12060A312)	6/9/2015	Filed But Not Admitted
NYS000497	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-089 (June 14, 2012)(Also Exhibit NRC000153 & Exhibit ENT000554) (ML12167A008)	6/9/2015	Filed But Not Admitted
NYS000498	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, License Renewal Application - Revised Reactor Vessel Internals Program and Inspection Plan, NL-12-134 (September 28, 2012) (ML12285A232)	6/9/2015	Filed But Not Admitted
NYS000499	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-140 (October 17, 2012) (ML12300A391)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000500	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-12-166 (November 20, 2012) [Non-proprietary version] (ML12352A095)	6/9/2015	Filed But Not Admitted
NYS000501	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-13-052 (May 7, 2013) (ML13142A202)	6/9/2015	Filed But Not Admitted
NYS000502	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-13-122 (September 27, 2013) (ML13270A250)	6/9/2015	Filed But Not Admitted
NYS000503	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-013 (January 28, 2014) (ML14038A150)	6/9/2015	Filed But Not Admitted
NYS000504	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-067 (June 9, 2014) (ML14176A159)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000505	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-093 (August 5, 2014) (ML14225A777)	6/9/2015	Filed But Not Admitted
NYS000506	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Reply to Request for Additional Information Regarding the License Renewal Application, NL-14-117 (September 8, 2014) (ML14267A270)	6/9/2015	Filed But Not Admitted
NYS000507	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-1930, Safety Evaluation Report Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3, Supplement 2 (November 2014) (ML14310A803)	6/9/2015	Filed But Not Admitted
NYS000508	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Tregoning, R.L., Reasons for Non-concurrence on Draft Safety Evaluation for the EPRI Topical Report (TR) Materials Reliability Program (MRP) Report 1016596 (MRP-227), Revision 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines (March 22, 2011) (ML110770169)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000509	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Case, Michael J., Comments for the Document Sponsor to Consider Pertaining to Non-Concurrence on Draft Safety Evaluation for the EPRI Topical Report (TR) Materials Reliability Program (MRP) Report 1016596 (MRP-227), Revision 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines, RES/DE (March 22, 2011) (ML110810787)	6/9/2015	Filed But Not Admitted
NYS000510	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse Propriety Report, Class-2, Indian Point Unit 2 and Unit 3 EAF Screening Evaluations, CN-PAFM-12-35, Rev. 1 (Nov. 2012) (IPECPROP00072778) [PROPRIETARY]	6/9/2015	Filed But Not Admitted
NYS000511	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Indian Point Unit 2 (IP2) and Unit 3 (IP3) Refined EAF Analyses and EAF Screening Evaluations, Phase 2, Rev. 1, CN-PAFM-13-32 (2013) (IPECPROP00078338) [PROPRIETARY]	6/9/2015	Filed But Not Admitted
NYS000512	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse Propriety Report, Class-2, Indian Point Unit 2 Pressurizer Spray Model Transfer Function Data Base Development and Environmental Fatigue Evaluations, CN-PAFM-13-40 (2013) (IPECPROP00079751) [PROPRIETARY]	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000513	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kupper, C.T. and Gray, M.A., Westinghouse, License Renewal Environmental Fatigue Screening Application, Paper No. PVP2014-29093, Proceedings of the ASME 2014 Pressure Vessels & Piping Conference, Anaheim, California (July 20-24, 2014) [Full-Text Copyrighted]	6/9/2015	Filed But Not Admitted
NYS000514	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kline, S. J. and McClintock, F. A., "Describing Uncertainties in Single-Sample Experiments," J. Mech. Eng. (January 1953) [Full-Text Copyrighted]	6/9/2015	Filed But Not Admitted
NYS000515	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	U.S. NRC Inspection Report with notices of non-conformance for Westinghouse's Quality Assurance Program (April 24, 2015) (ML15070A213)	6/9/2015	Filed But Not Admitted
NYS000516	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Troyer, Greg and Devan, Matthew, An Assessment of Branch Technical Position 5-3 to Determine Unirradiated RTNDT for SA-508 Cl.2 Forgings, Paper No. PVP2014-28897, Proceedings of the ASME 2014 Pressure Vessels and Piping Conference, Anaheim, California (July 20-24, 2014) [Full-Text Copyrighted]	6/9/2015	Filed But Not Admitted
NYS000517	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Salas, Pedro, Regulatory Affairs Director, AREVA, Letter to USNRC regarding Potential Non-Conservatism in NRC Branch Technical Position 5-3 (January 30, 2014) (ML14038A265)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000518	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kirk, Mark and Sheng, Simon, USNRC, Assessment of BTP 5-3 Protocols to Estimate RTNDT(u) and USE, (June 4, 2014) (ML14163A524)	6/9/2015	Filed But Not Admitted
NYS000519	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pressurized Water Reactor Owners Group, BTP 5-3 Industry Issue, Executive Review (October 28, 2014) (IPECPROP00081155) [PROPRIETARY]	6/9/2015	Filed But Not Admitted
NYS000520	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Kirk, M. et al., "Assessment of Fracture Toughness Models for Ferritic Steels Used in Section XI of the ASME Code Relative to Current Data-Based Model," PVP2014-28540, Proceedings of PVP2014, 2014 ASME Pressure Vessels and Piping Division Conference, Anaheim, CA (July 20-24, 2014) (ML14086A183)	6/9/2015	Filed But Not Admitted
NYS000521	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG-0800, Rev. 2, Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants, LWR Edition, Branch Technical Position 5-3, Excerpted: pp. BTP-5-3-1 - BTP-5-3-8 (March 2007) (ML070850035)	6/9/2015	Filed But Not Admitted
NYS000522	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Federal Register, 79 Fed. Reg. 69,884, Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments in Fatigue Analyses of Metal Components [NRC-2014-0244] (November 24, 2014)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000523	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC, Draft Regulatory Guide DG-1309 (Proposed Revision 1 of Regulatory Guide 1.207, dated March 2007), Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments in Fatigue Analyses of Metal Components (November 2014) (ML14171A584)	6/9/2015	Filed But Not Admitted
NYS000524	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC, Draft License Renewal Interim Staff Guidance, LR-ISG-2011-04, Updated Aging Management Criteria for PWR Reactor Vessel Internal Components (March 13, 2012) (ML12004A149)	6/9/2015	Filed But Not Admitted
NYS00525A-NYS00525B	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Indian Point Unit 2 - Reactor Internals Support Support Assembly Fatigue Assessment for Use in Environmental Assisted Fatigue Calculations, Rev. 0, CN-RIDA-13-57 (2013) (IPECPROP00079572) [PROPRIETARY]	6/9/2015	Filed But Not Admitted
NYS000526	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Transcript, Advisory Committee on Reactor Safeguards, Plat License Renewal Subcommittee with Presentation Slides (April 23, 2015) (ML15133A270)	6/9/2015	Filed But Not Admitted
NYS000527	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	IP-RPT-11-LRD13, Entergy Nuclear Management Manual EN-DC-149, Review of the Fatigue Monitoring Aging Management Program for License Renewal Implementation (November 13, 2012) (IPEC00268373)	6/9/2015	Filed But Not Admitted
NYS000528	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	US NRC Near-term Task Force Recommendation 2.1 Seismic Hazard Evaluation (June 19, 2014) (ML14169A489)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000529	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (PUBLIC, REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000529	NYS-26B/RK-TC-1B	Revised Statement of Position of the State of New York in support of Contention NYS-26B/RK-TC-1B (NON-PUBLIC, NON-REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000530	NYS-26B/RK-TC-1B	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (PUBLIC, REDACTED) (June 2, 2015)	6/9/2015	Filed But Not Admitted
NYS000530	NYS-26B/RK-TC-1B	Revised Pre-filed Written Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (NON-PUBLIC, NON-REDACTED) (June 2, 2015)	6/9/2015	Filed But Not Admitted
NYS000531	NYS-38/RK-TC-5	Revised Statement of Position of the State of New York in support of Contention NYS-38/RK-TC-5 (PUBLIC, REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000531	NYS-38/RK-TC-5	Revised Statement of Position of the State of New York in support of Contention NYS-38/RK-TC-5 (NON-PUBLIC, NON-REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000532	NYS-38/RK-TC-5	Revised Pre-filed Written Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (PUBLIC, REDACTED) (June 1, 2015)	6/9/2015	Filed But Not Admitted
NYS000532	NYS-38/RK-TC-5	Revised Pre-filed Written Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (NON-PUBLIC, NON-REDACTED) (June 1, 2015)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000533	NYS-38/RK-TC-5	Report, Indian Point 3 Steam Generator Program, Rev. 7, IP3-RPT-SG-01796 (July 1, 2005) (IPEC00239312)	6/9/2015	Filed But Not Admitted
NYS000534	NYS-38/RK-TC-5	Entergy, Engineering Report, Review of the Steam Generator Integrity Management Program for License Renewal Implementation, IP-RPT-11-LRD36, Rev. 0 (June 25, 2012) (IPEC00269432)	6/9/2015	Filed But Not Admitted
NYS000535	NYS-38/RK-TC-5	Commitment Closure Verification Form, Commitment 41, IP2 and IP3 Steam Generator Inspections (April 24, 2013) (IPEC00277180)	6/9/2015	Filed But Not Admitted
NYS000536	NYS-38/RK-TC-5	Indian Point Nuclear Generating Units 2 and 3 - NRC Integrated Inspection Report 05000247/2013002 and 05000286/2013002 (May 3, 2013) (ML13123A280)	6/9/2015	Filed But Not Admitted
NYS000537	NYS-38/RK-TC-5	Dacimo, Fred, Entergy, letter to Document Control Desk, USNRC, Technical Specification 5.6.8. - IP3 Steam Generator Tube Inspection Report - Spring 2013 Refueling Outage, NL-13-032 (August 15, 2013) (ML13235A047)	6/9/2015	Filed But Not Admitted
NYS000538	NYS-38/RK-TC-5	NRC Information Notice 2013-20: Steam Generator Channel Head and Tubesheet Degradation (October 3, 2013) (ML13204A143)	6/9/2015	Filed But Not Admitted
NYS000539	NYS-38/RK-TC-5	Ventosa, John, Entergy, letter to Document Control Desk, USNRC, Proposed License Amendment for Alternate Repair Criteria for Steam Generator Tube Inspection and Repair, NL-14-001 (January 16, 2014) (ML14027A514)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000540	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit No. 3 - Staff Summary of the Steam Generator Tube Inservice Inspections for the Spring 2013 Refueling Outage (TAC No. MF2614) (January 30, 2014) (ML14015A417)	6/9/2015	Filed But Not Admitted
NYS000541	NYS-38/RK-TC-5	Indian Point Power Station - NRC Integrated Inspection Report 05000247/2014002 and 05000286/2014002 (May 9, 2014) (ML14132A170)	6/9/2015	Filed But Not Admitted
NYS000542	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit No. 2 - Correction Letter to Amendment No. 277 Re: H* Alternate Repair Criteria for Steam Generator Tube Inspection and Repair (TAC No. MF3369) (September 30, 2014) (ML14252A679)	6/9/2015	Filed But Not Admitted
NYS000543	NYS-38/RK-TC-5	Ventosa, John, Entergy, letter to Document Control Desk, USNRC, Steam Generator Examination Program Results 2014 Refueling Outage (2R21), Indian Point Unit No. 2, NL-14-113 (September 8, 2014) (ML14262A059)	6/9/2015	Filed But Not Admitted
NYSR0544A-NYSR0544D	NYS-38/RK-TC-5	EPRI, Technical Report (3002002850), Steam Generator Management Program: Investigation of Crack Initiation and Propagation in the Steam Generator Channel Head Assembly, Final Report (October 2014) (IPECPROP00080904) [PROPRIETARY] (Color Version)	9/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000545	NYS-38/RK-TC-5	Coyle, Lawrence, Entergy, letter to Document Control Desk, USNRC, Response to Request for Additional Information (RAI) for the Steam Generator Examination Program Results 2014 Refueling Outage (2R21), Indian Point Unit No. 2, NL-15-001 (January 15, 2014) (ML15029A298)	6/9/2015	Filed But Not Admitted
NYS00546	NYS-38/RK-TC-5	Slides, NRC/EPRI Steam Generator Task Force Meeting (February 12, 2015) (ML15043A610)	6/9/2015	Filed But Not Admitted
NYS00547	NYS-38/RK-TC-5	Westinghouse WCAP-17828 Indian Point Unit 2 H* Alternate Repair Criteria (January 2014) (ML14027A515)	6/9/2015	Filed But Not Admitted
NYS000548	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 3 Event 51046 Offsite Notification Due To Shutdown For An Unisolable Steam Leak (May 7, 2015)	6/9/2015	Filed But Not Admitted
NYS000549	NYS-38/RK-TC-5	Letter, C579MPENT-12-002, Westinghouse Nuclear Safety Advisory Letter NSAL-12-1, Steam Generator Channel Head Degradation (January 6, 2012) (IPECPROP00078537) [PROPRIETARY]	6/9/2015	Filed But Not Admitted
NYS000550	NYS-38/RK-TC-5	Slides, NRC/EPRI Steam Generator Task Force Meeting (February 6, 2013) (ML13037A891)	6/9/2015	Filed But Not Admitted
NYS000551	NYS-38/RK-TC-5	NRC Information Notice 2013-11: Crack-Like Indications at Dents/Dings and in the Freespan Region of Thermally Treated Alloy 600 Steam Generator Tubes (July 3, 2013) (ML13127A236)	6/9/2015	Filed But Not Admitted
NYS000552	NYS-38/RK-TC-5	Review of Lessons Learned from the San Onofre Steam Generator Tube Degradation Event (March 6, 2015) (ML15015A419)	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000553	NYS-38/RK-TC-5	Commitment Closure Verification Form, Commitment 42, IP2 and IP3 Develop Plan for Each Unit to Address the Potential for Cracking of the Primary to Secondary Pressure Boundary Due to PWSCC of Tube-to-tubesheet welds (October 15, 2014) (IPEC00277167)	6/9/2015	Filed But Not Admitted
NYS000554	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 2 Steam Generator Program Report Revision 2 (July 25, 2007) (IPEC00243510)	6/9/2015	Filed But Not Admitted
NYS000555	NYS-38/RK-TC-5	Indian Point Nuclear Generating Units 2 and 3 Steam Generator Program Update (November 15, 2011) (IPEC00243625)	6/9/2015	Filed But Not Admitted
NYS000556	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - Issuance of Amendments Regarding Implementation of Technical Specification Task Force 510, "Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection," TAC Nos. MF3752 and MF3753, (May 26, 2015) (ML15110A009)	6/9/2015	Filed But Not Admitted
NYS000557	NYS-38/RK-TC-5	NRC Weekly Information Report (May 15, 2015) (ML15138A267)	6/9/2015	Filed But Not Admitted
NYS000558	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - License Renewal Application, Excerpted: pp. 2.3-36 and 2.3-39	6/9/2015	Filed But Not Admitted
NYS000559	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit Nos. 2 and 3 - License Renewal Application, Excerpted: pp. 4.3-14 and 4.3-15.	6/9/2015	Filed But Not Admitted
NYS000560	NYS-38/RK-TC-5	Indian Point Steam Generator Materials - Summary Table	6/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000561	NYS-38/RK-TC-5	Indian Point Nuclear Generating Unit 3 Event 51060 Unusual Event Declared Due To Main Transformer Fire (May 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000562	NYS-38/RK-TC-5	Revised Pre-filed Testimony of Dr. Richard T. Lahey, Jr. in Support of Joint Contention NYS-38/RK-TC-5 (PUBLIC, REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000562	NYS-38/RK-TC-5	Revised Pre-filed Testimony of Dr. Richard T. Lahey, Jr. in Support of Joint Contention NYS-38/RK-TC-5 (NON-PUBLIC, NON-REDACTED) (June 9, 2015)	6/9/2015	Filed But Not Admitted
NYS000563	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Pressurized Water Reactor (PWR) Systems, USNRC Technical Training Center, Reactor Concepts Manual, pages 4-1 to 4-28.	9/9/2015	Filed But Not Admitted
NYS000564	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Irradiation Embrittlement of PWR Reactor Internals, Arai, ASME JSME (1993) [Full-Text, Copyrighted]	9/9/2015	Filed But Not Admitted
NYS000565	NYS-25, NYS-26B/RK-TC-1B	Technical Letter Report on Literature Review and Assessment of Potential Seismic Effects on Ongoing Material Degradation - Tensile Strength, Fracture Toughness and Physical Properties (June 25, 2015)	9/9/2015	Filed But Not Admitted
NYS000566	NYS-25, NYS-26B/RK-TC-1B	Figure 1 to Supplemental Reply Testimony of Dr. Richard T. Lahey	9/9/2015	Filed But Not Admitted
NYS000567	NYS-25	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000567	NYS-25	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-25 (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000568	NYS-25	Supplemental Reply Statement of Position of the State of New York in support of Contention NYS-25 (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000568	NYS-25	Supplemental Reply Statement of Position of the State of New York in support of Contention NYS-25 (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000569	NYS-26B/RK-TC-1B	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000569	NYS-26B/RK-TC-1B	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-26B/RK-TC-1B (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000570	NYS-26B/RK-TC-1B	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-26B/RK-TC-1B (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000570	NYS-26B/RK-TC-1B	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-26B/RK-TC-1B (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000571	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000571	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of David J. Duquette in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000572	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000572	NYS-38/RK-TC-5	Pre-filed Supplemental Reply Testimony of Richard T. Lahey, Jr. in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000573	NYS-38/RK-TC-5	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (PUBLIC, REDACTED)	9/9/2015	Filed But Not Admitted
NYS000573	NYS-38/RK-TC-5	Supplemental Reply Statement of Position of the State of New York and Riverkeeper, Inc. in support of Contention NYS-38/RK-TC-5 (September 9, 2015) (NON-PUBLIC, NON-REDACTED)	9/9/2015	Filed But Not Admitted
NYS000574	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7184, ANL-12/56, Crack Growth Rate and Fracture Toughness Tests on Irradiated Cast Stainless Steels (July 2015) (ML15160A156)	9/23/2015	Filed But Not Admitted

Revised: November 4, 2015

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

Evidentiary Hearing

State of New York ("NYS") Tailored Hearing Exhibits List
Containing Documents Relevant to Track 2 Contentions

NYS Exhibit #	Contentions Addressed by Exhibit	Exhibit Name	Exhibit Submission / Revision Date	Track 1 Admitted Exhibit #
NYS000575	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NUREG/CR-7185, ANL-14/10, Effects of Thermal Aging and Neutron Irradiation on Crack Growth Rate and Fracture Toughness of Cast Stainless Steels and Austenitic Stainless Steel Welds (July 2015) (ML15202A007)	9/23/2015	Filed But Not Admitted
NYS000576	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Supplemental Pre-Filed Testimony of Dr. Richard T. Lahey, Jr. (September 23, 2015)	9/23/2015	Filed But Not Admitted