

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

**Entergy (“ENT”) Hearing Exhibits**

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENTR16001	All	Entergy Hearing Exhibit List (“ENT Exhibit List”)	10/29/2015
ENT000002	NYS-16B	Entergy Statement of Position Regarding Contention NYS-16B (Severe Accident Mitigation Alternatives Analysis)	3/28/2012
ENT000003	NYS-16B	Testimony of Entergy Witnesses Lori Potts, Kevin O’Kula, Grant Teagarden, and Jerry Riggs On Consolidated Contention NYS-16B (Severe Accident Mitigation Alternatives Analysis)	3/28/2012
ENT000004	NYS-16B, NYS-12C	<i>Curriculum Vitae</i> of Lori A. Potts	3/28/2012
ENT000005	NYS-16B, NYS-12C	<i>Curriculum Vitae</i> of Kevin R. O’Kula	3/28/2012
ENT000006	NYS-16B	G. Teagarden, MACCS2 IP2 Population Sensitivity Case (Jan. 2012)	3/28/2012
ENT000007	NYS-16B, NYS-12C	<i>Curriculum Vitae</i> of Grant A. Teagarden	3/28/2012
ENT000008	NYS-16B, CW-EC-3A	<i>Curriculum Vitae</i> of Jerry L. Riggs	3/28/2012

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ENT000009	NYS-16B, NYS-12C	NL-09-165, Letter from Fred Dacimo, Entergy, to NRC, "License Renewal Application - SAMA Reanalysis Using Alternate Meteorological Tower Data, Indian Point Nuclear Generating Units Nos. 2 and 3" (Dec. 11, 2009)	3/28/2012
ENT00010A-D	NYS-16B, NYS-12C	NUREG/BR-0184, Regulatory Analysis Technical Evaluation Handbook (Jan. 1997)	3/28/2012
ENT000011	NYS-16B, NYS-12C	NUREG-1850, Frequently Asked Questions on License Renewal of Nuclear Power Reactors (Mar. 2006)	3/28/2012
ENT000012	NYS-6/7	Wiley Encyclopedia of Electrical and Electronics Engineering (J. Webster ed., 1999) (excerpted)	3/29/2012
ENT000013	NYS-16B, NYS-17B, NYS-12C	NUREG/BR-0058, Regulatory Analysis Guidelines of the U.S. Nuclear Regulatory Commission, Rev. 4 (Sept. 2004)	3/28/2012
ENT000014	NYS-16B, CW-EC-3A	KLD Associates, Inc., Indian Point Energy Center Development of Evacuation Time Estimates, Rev. 2 (Oct. 2004)	3/28/2012
ENT00015A-B	All	Indian Point Energy Center License Renewal Application (April 2007)	3/28/2012
ENT000016	NYS-16B	U.S. Census Bureau, Technical Assessment of A.C.E. Revision II (Mar. 12, 2003)	3/28/2012
ENT000017	NYS-16B	U.S. Census Bureau, Accuracy and Coverage Evaluation of Census 2000: Design and Methodology (Sept. 2004)	3/28/2012
ENT000018	NYS-16B	U.S. Census Bureau, Decision on Intercensal Census 2000 Estimates (Mar. 12, 2003)	3/28/2012

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT00019A	NYS-16B	NUREG-1555, Standard Review Plans for Environmental Reviews for Nuclear Power Plants (Oct. 1999)	3/28/2012
ENT00019B	NYS-17B, NYS-37	NUREG-1555, Supplement 1, Standard Review Plans for Environmental Reviews for Nuclear Power Plants: Operating License Renewal (Oct. 1999)	3/28/2012
ENT000020	NYS-16B	NUREG-0800, Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition (Mar. 2007)	3/28/2012
ENT000021	NYS-16B	Regulatory Guide 1.206, Combined License Applications for Nuclear Power Plants (June 2007)	3/28/2012
ENT000022	NYS-16B	Regulatory Guide 1.70, Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants: LWR Edition, Rev. 3 (Nov. 1978)	3/28/2012
ENT000023	NYS-16B	Regulatory Guide 4.2, Preparation of Environmental Reports for Nuclear Power Stations, Rev. 2 (July 1976)	3/28/2012
ENT000024	NYS-16B	U.S. EPA, A Checklist for Submitting Your Risk Management Plan (RMP) for Chemical Accident Prevention (Sept. 2009)	3/28/2012
ENT000025	NYS-16B	U.S. EPA, Guidance for Conducting Risk Management Program Inspections under Clean Air Act Section 112(r) (Jan. 2011)	3/28/2012
ENT000026	NYS-16B	U.S. EPA, Protocol for Conducting Environmental Compliance Audits Under the Stormwater Program (Jan. 2005)	3/28/2012
ENT000027	NYS-16B	L. Potts and J. Riggs, Rebuttal Commuter Analysis (Jan. 2012)	3/28/2012
ENT000028	RK-TC-2	Entergy Statement of Position Regarding Contention RK-TC-2 (Flow-Accelerated Corrosion)	3/28/2012

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ENTR00029	RK-TC-2	Testimony of Entergy Witnesses Ian D. Mew, Alan B. Cox, Nelson F. Azevedo, Jeffrey S. Horowitz, and Robert M. Aleksick Regarding Contention RK-TC-2 (Flow-Accelerated Corrosion)	10/12/2012
ENT000030	RK-TC-2	<i>Curriculum Vitae</i> of Ian D. Mew	3/28/2012
ENTR00031	RK-TC-2, NYS-26B/RK-TC-1B, NYS-6/7, RK-EC-3/CW-EC-1, NYS-5, NYS-38/RK-TC-5, NYS-25	<i>Curriculum Vitae</i> of Alan B. Cox	8/10/2015
ENT000032	RK-TC-2, NYS-26B/RK-TC-1B, NYS-5, NYS-38/RK-TC-5, NYS-25	<i>Curriculum Vitae</i> of Nelson F. Azevedo	3/28/2012
ENT000033	RK-TC-2	<i>Curriculum Vitae</i> of Jeffrey S. Horowitz	3/28/2012
ENT000034	RK-TC-2	J. Horowitz, Independent Review of the Indian Point Energy Center Flow-Accelerated Corrosion Program (Mar. 22, 2012)	3/28/2012

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT000035	RK-TC-2	D. Munson, A Brief Overview of FAC Investigations, Experiences and Lessons Learned (Jan. 2008)	3/28/2012
ENT00036A-B	RK-TC-2	B. Chexal, <i>et al.</i> , Flow-Accelerated Corrosion in Power Plants, Rev. 1 (1998)	3/28/2012
ENT000037	RK-TC-2	<i>Curriculum Vitae</i> of Robert M. Aleksick	3/28/2012
ENT000038	RK-TC-2	EN-DC-315, Rev. 6, Flow Accelerated Corrosion Program (Mar. 1, 2010)	3/28/2012
ENT000039	RK-TC-2	F. Ammirato, Status of NDE Research in the US--Contributions of NDE to Reactor Safety and Implementation of NDE Technology (May 1999)	3/28/2012
ENT000040	RK-TC-2	S.Gosselin, Fatigue in Operating Nuclear Power Plants Components after 60 years (Feb. 2008)	3/28/2012
ENT000041	RK-TC-2, NYS-6/7, NYS-38/RK-TC-5	NRC, Audit Report for Plant Aging Management Programs and Reviews (Jan. 13, 2009)	3/28/2012
ENT000042	RK-TC-2	NRC, Generic Letter 89-08, Erosion/Corrosion-Induced Pipe Wall Thinning (May 2, 1989)	3/28/2012
ENT000043	RK-TC-2	Letter from M. Selman, Consolidated Edison Company, to William Russell, NRC, "Response to NRC Bulletin 87-01 'Thinning of Pipe Walls in Nuclear Power Plants'" (Sept. 11, 1987)	3/28/2012
ENT000044	RK-TC-2	Letter from W. Josiger, New York Power Authority, to NRC, "Response to NRC Bulletin 87-01 'Thinning of Pipe Walls in Nuclear Power Plants'" (Sept. 15, 1987)	3/28/2012

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ENT000045	RK-TC-2	Letter from M. Miele, Consolidated Edison Company, to NRC, "Response to Generic Letter GL 89-08 'Erosion/Corrosion Induced Pipe Wall Thinning'" (July 20, 1989)	3/28/2012
ENT000046	RK-TC-2	Letter from John Brons, New York Power Authority, to NRC, "Response to Generic Letter GL 89-08 'Erosion/Corrosion Induced Pipe Wall Thinning'" (July 21, 1989)	3/28/2012
ENT000047	RK-TC-2	Letter from Stephen Bram, Consolidated Edison Company, to NRC, "Response to Request for Additional Information Regarding Response to Generic Letter 89-08" (Jan. 17, 1990)	3/28/2012
ENT000048	RK-TC-2	IP2 System Susceptibility Evaluation (SSE) Report No. 0700.104-02, Rev. 2 (Oct. 14, 2011)	3/28/2012
ENT000049	RK-TC-2	IP3 System Susceptibility Evaluation (SSE) Report No. 0700.104-17, Rev. 2 (Oct. 14, 2011)	3/28/2012
ENT000050	RK-TC-2	CHECWORCS SFA Model Calculations for IP2, No. 0705.101-01, Rev. 2 (July 7, 2010)	3/28/2012
ENT000051	RK-TC-2	CHECWORCS SFA Model Calculations for IP3, No. 0705.100-01, Rev. 2 (Aug. 2, 2011)	3/28/2012
ENT000052	RK-TC-2	IP2 Susceptible Non-Modeled (SNM) Report No. 0700.104-03, Rev. 2 (Oct. 14, 2011)	3/28/2012
ENT000053	RK-TC-2	IP3 Susceptible Non-Modeled (SNM) Report No. 0700.104-18, Rev. 2 (Oct. 14, 2011)	3/28/2012
ENT000054	RK-TC-2	ANSI Code, Section B31.1 (1967)	3/28/2012
ENT000055	RK-TC-2	Entergy, EN-OE-100, Rev. 12, Operating Experience Program (Apr. 15, 2011)	3/28/2012

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ENT000056	RK-TC-2	Entergy Nuclear Engineering Qualification Card, Implementing the Flow-Accelerated Corrosion (FAC) Program, FTK-ESPP-G00019, Rev. 2	3/28/2012
ENT000057	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 2R19 Outage (Apr. 4, 2010)	3/28/2012
ENT000058	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 2R18 Outage (June 2007)	3/28/2012
ENT000059	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 2R17 Outage (Apr. 17, 2006)	3/28/2012
ENT000060	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 2R15 and 2R16 Outages (Aug. 2002; June 2005)	3/28/2012
ENT000061	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 3R14 Outage (Apr. 2, 2007)	3/28/2012
ENT000062	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 3R16 Outage (Sept. 19, 2011)	3/28/2012
ENT000063	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 3R12 and 3R13 Outages (Jan. 2004; Apr. 2005)	3/28/2012
ENT000064	RK-TC-2	Scope of Flow-Accelerated Corrosion Inspection Points for 3R15 Outage (Mar. 2009)	3/28/2012
ENT000065	RK-TC-2	EN-CS-S-008-MULTI, Pipe Wall Thinning Structural Evaluation, Rev. 0 (Jan. 1, 2010)	3/28/2012
ENT000066	RK-TC-2	EN-DC-126, Engineering Calculation Process, Rev. 4 (Jan. 31, 2011)	3/28/2012
ENT000067	RK-TC-2	EPRI, PWR Advanced Amine Application Guidelines, Rev. 2 (Oct. 1997)	3/28/2012
ENT000068	RK-TC-2	EPRI, Pressurized Water Reactor Secondary Water Chemistry Guidelines, Rev. 7 (Feb. 2009) [PROPRIETARY]	3/28/2012

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ENT000069	RK-TC-2	Entergy, Secondary Strategic Water Chemistry Plan, Rev. 3 (Sept. 20, 2011)	3/28/2012
ENT000070	RK-TC-2	EPRI, CHECWORKS Steam/Feedwater Application Version 3.0 User Guide (2008) [PROPRIETARY]	3/28/2012
ENT000071	RK-TC-2	EPRI, CHECWORKS Steam/Feedwater Application Guidelines for Plant Modeling and Evaluation or Component Inspection Data (Nov. 2009) [PROPRIETARY]	3/28/2012
ENT000072	RK-TC-2	Indian Point Unit 2, CHECWORKS Power Uprate Analysis, Calc. No. 040711-02 (Mar. 23, 2005)	3/28/2012
ENT000073	RK-TC-2	Indian Point Unit 3, CHECWORKS Power Uprate Analysis, Calc. No. 040711-01 (Mar. 23, 2005)	3/28/2012
ENT000074	RK-TC-2	CHECWORKS SFA Model Calculation for IP2, No. 050714b-01, Rev. 0 (July 2005) (excerpted)	3/28/2012
ENT000075	RK-TC-2	CHECWORKS SFA Model Calculation for IP2, No. 050714b-01, Rev. 1 (Sept. 2006) (excerpted)	3/28/2012
ENT000076	RK-TC-2	CHECWORKS SFA Model Calculation for IP2, No. 0705.101-01, Rev. A (Nov. 2008)	3/28/2012
ENT000077	RK-TC-2	CHECWORKS SFA Model Calculation for IP2, No. 0705.101-01, Rev. 1 (Feb. 2010)	3/28/2012
ENT000078	RK-TC-2	CHECWORKS SFA Model Calculations for IP3, No. 050714c-01, Rev. 0 (Oct. 2005) (excerpted)	3/28/2012
ENT000079	RK-TC-2	CHECWORKS SFA Model Calculations for IP3, No. 0705.100-01, Rev. 0 (Nov. 2007) (excerpted)	3/28/2012



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ENT000080	RK-TC-2	CHECWORKS SFA Model Calculations for IP3, No. 0705.100-01, Rev. 1 (Feb. 2010)	3/28/2012
ENT000081	RK-TC-2	EPRI, Plant Engineering Impact of Electric Power Upgrades on Flow-Accelerated Corrosion (July 2011)	3/28/2012
ENT000082	RK-TC-2	NL-08-004, Letter from Fred R. Dacimo, Entergy, to NRC, "Reply to Request for Additional Information Regarding License Renewal Application (Steam Generator Tube Integrity and Chemistry)" (Jan. 4, 2008)	3/28/2012
ENT000083	RK-TC-2	Approved Applications for Power Upgrades (Oct. 20, 2011), <a href="http://www.nrc.gov/reactors/operating/licensing/power-upgrades/status-power-apps/approved-applications.html">http://www.nrc.gov/reactors/operating/licensing/power-upgrades/status-power-apps/approved-applications.html</a>	3/28/2012
ENT000084	RK-TC-2	NRC Information Notice (IN) 97-84, Rupture in Extraction Steam Piping as a Result of Flow-Accelerated Corrosion (Dec. 11, 1997)	3/28/2012
ENT000085	RK-TC-2	Entergy Corrective Action LO-NOE-2006-00611-CA13 (Jul. 2006)	3/28/2012
ENT000086	RK-TC-2	NUREG-1829, Estimating Loss-of-Coolant Accident (LOCA) Frequencies Through the Elicitation Process (Apr. 2008)	3/28/2012
ENT000087	RK-TC-2	ACRS Subcommittee on Thermal-Hydraulic Phenomena Meeting Tr. (Jan. 26, 2005) (excerpted)	3/28/2012
ENT000088	RK-TC-2	Safety Evaluation by the Office of Nuclear Reactor Regulation Related to Amendment No. 199 to Facility Operating License No. NPF-38, Entergy Nuclear Operations, Inc., Waterford Steam Electric Station, Unit 3, Docket No. 50-382 (Apr. 15, 2005) (excerpted)	3/28/2012
ENT000089	RK-TC-2, NYS-26B/RK-TC-1B	Declaration of Dr. Joram Hopenfeld in Support of New England Coalition's Motion for Reconsideration (Dec. 15, 2008)	3/28/2012
ENT000090	NYS-8	Entergy Statement of Position Regarding Contention NYS-8 (Transformers)	3/28/2012

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ENTR00091	NYS-8	Testimony of Entergy Witnesses Roger B. Rucker, Steven E. Dobbs, John W. Craig, and Thomas S. McCaffrey Regarding Contention NYS-8 (Transformers)	3/30/2012
ENT000092	NYS-8, NYS-6/7	<i>Curriculum Vitae</i> of Roger B. Rucker	3/28/2012
ENT000093	NYS-8	<i>Curriculum Vitae</i> of Steven E. Dobbs	3/28/2012
ENT000094	NYS-8	<i>Curriculum Vitae</i> of John W. Craig	3/28/2012
ENT000095	NYS-8, NYS-6/7	<i>Curriculum Vitae</i> of Thomas S. McCaffrey	3/28/2012
ENT000096	NYS-8	Declaration of Paul Blanch (Sept. 22, 2009)	3/28/2012
ENT000097	NYS-8	Letter from Christopher Grimes, NRC, to Douglas J. Walters, NEI, "Determination of Aging Management Review for Electrical Components," (Sept. 19, 1997)	3/28/2012
ENT000098	NYS-8, NYS-5, NYS-25	NEI 95-10, Industry Guideline for Implementing the Requirements of 10 CFR Part 54 – The License Renewal Rule, Rev. 6 (June 2005)	3/28/2012
ENT000099	NYS-8	Regulatory Guide 1.188, Standard Format and Content for Applications to Renew Nuclear Power Plant Operating Nuclear Power Plant Operating Licenses, Rev. 1 (Sept. 2005)	3/28/2012
ENT000100	NYS-8	EPRI, Report 1013475, Plant Support Engineering: License Renewal Electrical Handbook, Revision 1 to EPRI 1003057 (Feb. 2007)	3/28/2012
ENT000101	NYS-8	Final Rule, Monitoring the Effectiveness of Maintenance at Nuclear Power Plants, 56 Fed. Reg. 31,306 (July 10, 1991)	3/28/2012

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ENT000102	NYS-8	Final Rule, Monitoring the Effectiveness of Maintenance at Nuclear Power Plants, 58 Fed. Reg. 33,993 (June 23, 1993)	3/28/2012
ENT000103	NYS-8	D.E. Johnson, J.L. Hilburn, and J.R. Johnson, Basic Electric Circuit Analysis (2d ed. 1984) (excerpted)	3/28/2012
ENT000104	NYS-8	Rod Elliott, Transformers – The Basics (Section 1), Elliott Sound Products (Mar. 24, 2001), <a href="http://sound.westhost.com/xfmr.htm#reference">http://sound.westhost.com/xfmr.htm#reference</a>	3/28/2012
ENT000105	NYS-8	<i>American Heritage College Dictionary</i> (4th ed. 2002) (excerpted)	3/28/2012
ENT000106	NYS-8	IEEE Std 100-1996, The IEEE Standard Dictionary of Electrical and Electronic Terms (6th ed. 1996) (excerpted)	3/28/2012
ENT000107	NYS-8	L. Chua, Introduction to Nonlinear Network Theory (1969) (excerpted)	3/28/2012
ENT000108	NYS-8	Declaration of Steven E. Dobbs in Support of Entergy's Motion for Summary Disposition of New York State Contention 8 (Aug. 2009)	3/28/2012
ENT000109	NYS-8	R.C. Degeneff <i>et al.</i> , A Method for Constructing Reduced Order Transformer Models for System Studies from Detailed Lumped Parameter Models (1991)	3/28/2012
ENT000110	NYS-8	Ferrocube, Design of Planar Power Transformers (May 1997), <i>available at</i> <a href="http://www.ferrocube.com/appl/info/plandesi.pdf">http://www.ferrocube.com/appl/info/plandesi.pdf</a>	3/28/2012
ENT000111	NYS-8	Stephen Dobbs, Examples of Transistors and Transformers in Simplified Circuits (Mar. 2012)	3/28/2012
ENT000112	NYS-8	NRC Inspection Procedure 71111.12, Maintenance Effectiveness (Apr. 29, 2011)	3/28/2012

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ENT000113	NYS-8	NUREG-0933, Resolution of Generic Safety Issues, Main Report with Supplements 1-34, Issue 47: The Loss of Offsite Power (Dec. 2011).	3/28/2012
ENT000114	NYS-8	IE Bulletin 79-23, Potential Failure of Emergency Diesel Generator Field Exciter Transformer (Sept. 12, 1979)	3/28/2012
ENT000115	NYS-8	Information Notice 82-53, Main Transformer Failures at the North Anna Nuclear Power Station (Dec. 22, 1982)	3/28/2012
ENT000116	NYS-8	NRC Information Notice 83-37, Transformer Failure Resulting From Degraded Internal Connection Cables (June 13, 1983)	3/28/2012
ENT000117	NYS-8	NRC Information Notice 84-84, Deficiencies in Ferro-Resonant Transformers (Nov. 27, 1984)	3/28/2012
ENT000118	NYS-8	NRC Information Notice 84-84, Deficiencies in Ferro-Resonant Transformers, Rev. 1 (Apr. 24, 1985)	3/28/2012
ENT000119	NYS-8	Information Notice 92-63, Cracked Insulators in ASL Dry Type Transformers Manufactured By Westinghouse Electric Corporation (Aug. 26, 1992)	3/28/2012
ENT000120	NYS-8	Information Notice 97-37, Main Transformer Fault With Ensuing Oil Spill Into Turbine Building (June 20, 1997)	3/28/2012
ENT000121	NYS-8	Entergy Fleet Engineering Guide EN-EE-G-001, Large Power Transformer Inspection Guidelines, Rev. 2 (Mar. 2011)	3/28/2012
ENT00122A-D	NYS-8	NUREG/CR-6490, Nuclear Power Plant Generic Aging Lessons Learned (Dec. 1996)	3/28/2012
ENT00123A-B	NYS-8	EPRI 1002913, Power Transformer Maintenance and Application Guide (2002)	3/28/2012
ENT000124	NYS-8	Entergy, IPEC Maintenance Procedure 0-XFR-407-ELC, Rev. 0, Station or Unit Auxiliary Transformer Annual In-Service Inspection” (May 18, 2007)	3/28/2012
ENT000125	NYS-8	Entergy, Indian Point Energy Center Large Power Transformer Life Cycle Management Plan (2011)	3/28/2012

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ENT000126	NYS-8	Entergy, IPEC Maintenance Procedure 0-XFR-401-ELC, Station Service and Load Center Transformers Outage Inspection (Apr. 5, 2007)	3/28/2012
ENT000127	NYS-8	J. Keane & C. Kim, Transistor Aging, IEEE Spectrum (May 2011), <a href="http://spectrum.ieee.org/semiconductors/processors/transistor-aging/">http://spectrum.ieee.org/semiconductors/processors/transistor-aging/</a>	3/28/2012
ENT000128	NYS-8	EPRI 1018534, EPRI Nuclear Maintenance Applications Center: Assessment of Printed Circuit Board Diagnostic Techniques, Final Report (Mar. 2009) (excerpted)	3/28/2012
ENT000129	NYS-8	EPRI Transformer Guidebook Development: The Copper Book (2011) (excerpted)	3/28/2012
ENT00130A-B	NYS-8	Entergy, Root Cause Evaluation Report, IP2 Turbine Trip/Reactor Trip Due to 21 Main Transformer Fault, CR-IP2-2010-6801; Event Date: 11-07-2010, Rev. 1 (Oct. 27, 2011).	3/28/2012
ENT000131	NYS-17B	Entergy Statement of Position Regarding Contention NYS-17B (Property Values)	3/28/2012
ENT000132	NYS-17B	Testimony of Entergy Witnesses Donald P. Cleary, C. William Reamer, and George S. Tolley Regarding Contention NYS-17B (Property Values)	3/28/2012
ENT000133	NYS-17B, CW-EC-3A, NYS-37	<i>Curriculum Vitae</i> of Donald P. Cleary	3/28/2012
ENT000134	NYS-17B	NUREG/CR-2063, Effects of the Accident at Three Mile Island on Residential Property Values and Sales (Apr. 1981)	3/28/2012
ENT000135	NYS-17B	NUREG/CR-0454, Effects of Nuclear Power Plants on Community Growth and Residential Property Values (Apr. 1979)	3/28/2012

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ENT000136	NYS-17B, CW-EC-3A, NYS-37,RK-EC-3/CW-EC-1	Regulatory Guide 4.2, Supplement 1, Preparation of Supplemental Environmental Reports for Application to Renew Nuclear Power Plant Operating Licenses (Sept. 2000) (excerpted)	3/28/2012
ENTR00137	NYS-17B	Village of Buchanan, Comprehensive Master Plan (Mar. 2005)	9/21/2012
ENT000138	NYS-17B	Town of Cortlandt, Comprehensive Master Plan (July 2004)	3/28/2012
ENT000139	NYS-17B	Westchester County, Context for County and Municipal Planning in Westchester County and Policies to Guide County Planning (Jan. 2010)	3/28/2012
ENT000140	NYS-17B	<i>Curriculum Vitae</i> of C. William Reamer	3/28/2012
ENT000141	NYS-17B	Letter from J. E. Pollock, Entergy, to NRC Document Control Desk (Unit No. 1 and 2, 10 CFR 50.54(bb) Program for Maintenance of Irradiated Fuel) (NL-08-144) (Oct. 23, 2008)	3/28/2012
ENT000142	NYS-17B	Letter from J.E. Pollock, Entergy, to NRC Document Control Desk, Unit 3 Program for Maintenance of Irradiated Fuel and Preliminary Decommissioning Cost Analysis in accordance with 10 CFR 50.54 (bb) and 10 CFR 50.75(f)(3) (NL-10-123) (Dec. 10, 2010)	3/28/2012
ENT000143	NYS-17B	<i>Curriculum Vitae</i> of George S. Tolley	3/28/2012
ENT000144	NYS-17B	George S. Tolley, Property Value Effects of Indian Point License Renewal (Mar. 2012)	3/28/2012
ENT000145	NYS-17B	H. Gamble and Downing, Effects of Nuclear Power Plants on Residential Property Values, <i>Journal of Regional Science</i> 22 (1982)	3/28/2012

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ENT000146	NYS-17B, RK-EC-3/CW-EC-1	Council on Environmental Quality, Guidance on Consideration of Past Action in Cumulative Effects Analysis (June 24, 2005)	3/28/2012
ENT000147	NYS-17B, NYS-37	CEQ, Memorandum to Agencies: Answers to 40 Most Asked Questions on NEPA Regulations, 46 Fed. Reg. 18,026 (Mar. 23, 1981)	3/28/2012
ENT000148	NYS-17B	Final Rule, Changes to Requirements for Environmental Review for Renewal of Nuclear Power Plant Operating Licenses, 64 Fed. Reg. 48,496 (Sept. 3, 1999)	3/28/2012
ENT000149	NYS-17B	Waste Confidence Decision Update, 75 Fed. Reg. 81,037 (Dec. 23, 2010)	3/28/2012
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ENT000157	NYS-17B	P. Linneman, <i>Some Empirical Results on the Nature of the Hedonic Price Function for the Urban Housing Market</i> , Journal of Urban Economics 8 (1980)	3/28/2012
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ENT000159	NYS-17B	Letter from J. P. Boska, NRC, to Entergy Nuclear Operations, Inc., Indian Point Nuclear Generating Unit Nos. 1 and 2 – Safety Evaluation Re: Spent Fuel Management Program and Preliminary Decommissioning Cost Estimate (Mar. 17, 2010)	3/28/2012
ENT000160	NYS-17B	Letter from J.P. Boska, NRC, to Entergy Nuclear Operations, Inc., Indian Point Nuclear Generating Unit No. 3 – Safety Evaluation Re: Spent Fuel Management Program and Preliminary Decommissioning Cost Estimate (Jun. 22, 2011)	3/28/2012
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ENT000172	NYS-17B	M. Folsom, <i>2nd Atom Generator Planned by Con Ed</i> , N.Y. Times, Oct. 30, 1965	3/28/2012
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ENT000182	NYS-26B/RK-TC-1B	Entergy Statement of Position Regarding Contention NYS-26/RK-TC-1B (Metal Fatigue)	3/29/2012
ENT000183	NYS-26B/RK-TC-1B	Testimony of Entergy Witnesses Nelson F. Azevedo, Alan B. Cox, Jack R. Strosnider, Robert E. Nickell, and Mark A. Gray Regarding Contention NYS-26/RK-TC-1B (Metal Fatigue)	3/29/2012
ENTR00184	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5, NYS-25	<i>Curriculum Vitae</i> of Jack R. Strosnider	8/10/2015

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ENTR00185	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	<i>Curriculum Vitae</i> of Robert E. Nickell	8/20/2012
ENTR00186	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5, NYS-25	<i>Curriculum Vitae</i> of Mark A. Gray	8/10/2015
ENT000187	NYS-26B/RK-TC-1B	ASTM Vol. 03.01, Metals – Mechanical Testing; Elevated and Low Temperature Tests; Metallography (2005) (excerpted)	3/29/2012
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ENT000189	NYS-26B/RK-TC-1B	SAND94-0187, Evaluation of Conservatisms and Environmental Effects in ASME Code, Section III, Class 1 Fatigue Analysis (Aug. 1994)	3/29/2012
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ENT000192	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5, NYS-25	NRC Regulatory Issue Summary 2011-05, Information on Revision 2 to the Generic Aging Lessons Learned Report for License Renewal of Nuclear Power Plants (July 1, 2011)	3/29/2012

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ENT000193	NYS-26B/RK-TC-1B, NYS-25	NL-08-092, Letter from Fred R. Dacimo, Entergy, to NRC, Amendment 5 to License Renewal Application (June 11, 2008)	3/29/2012
ENT000194	NYS-26B/RK-TC-1B	NL-08-084, Letter from Fred R. Dacimo, Entergy, to NRC, Reply to Request for Additional Information Regarding License Renewal Application – Time-Limited Aging Analyses and Boraflex (May 16, 2008)	3/29/2012
ENTR00195	NYS-26B/RK-TC-1B	NUREG-2101, Safety Evaluation Report Related to the License Renewal of Salem Nuclear Generating Station § 4.3 (Jun. 2011) (except)	8/10/2015
ENT000196	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse Level 2 Policy/Procedure NSNP 3.2.6, Design Analysis (Mar. 2011) [PROPRIETARY]	3/29/2012
ENT000197	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Letter from P. Davison, PSEG Nuclear, LLC, to NRC, Close-out of the NRC Audit Associated with Use of WESTEMS™ Related to the Salem Nuclear Generating Station, Units 1 and 2 License Renewal Application (Feb. 24, 2011)	3/29/2012
ENT000198	NYS-26B/RK-TC-1B	Letter from Paul Bessette, Entergy, to Janice Dean, NYS, Twenty-Second Update to Disclosures Pursuant to 10 C.F.R. § 2.336; Entergy Nuclear Operations, Inc. (Indian Point Nuclear Generating Units 2 and 3), Docket Nos. 50-247- LR and 50-286-LR (Dec. 1, 2010)	3/29/2012
ENT000199	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-09-100, Rev. 0, Indian Point Unit 2 Insurge/Outsurge and Environmental Fatigue Evaluations, (Jun. 10, 2010) [PROPRIETARY]	3/29/2012

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ENT000200	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-09-63, Rev. 0, Indian Point Unit 2 Pressurizer Insurge/Outsurge Transient Development (June 18, 2010) “) [PROPRIETARY]	3/29/2012
ENT000201	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-08-109, Rev. 0, Indian Point Units 2 and 3 Transfer Function Database Development for Hot Leg Surge Nozzle (June 18, 2010) [PROPRIETARY]	3/29/2012
ENT000202	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-08-78, Rev. 0, Indian Point Unit 2 and Unit 3: Transfer Function Database Development for Hot Leg Charging Nozzle (June 18, 2010) [PROPRIETARY]	3/29/2012
ENT000203	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-08-116, Rev. 0, Indian Point Unit 2 BIT Nozzle Transfer Function Database Development (June 18, 2010) [PROPRIETARY]	3/29/2012
ENT000204	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-08-103, Rev. 0, Indian Point Units 2 and 3 Transfer Function Database Development for Accumulator Nozzles (June 17, 2010) [PROPRIETARY]	3/29/2012
ENT000205	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-09-105, Rev. 0, Indian Point Unit 3 Insurge/Outsurge and Environmental Fatigue Evaluations (June 22, 2010) [PROPRIETARY]	3/29/2012
ENT000206	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-09-74, Rev. 0, Indian Point Unit 3 Boron Injection Tank Nozzle Environmental Fatigue Evaluations (Jun. 14, 2010) [PROPRIETARY]	3/29/2012
ENT000207	NYS-26B/RK-TC-1B	Westinghouse Calculation Note Number CN-PAFM-09-13, Rev. 0, Indian Point Unit 3 BIT Nozzle Transfer Function Database Development (June 18, 2010) [PROPRIETARY]	3/29/2012
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ENT000209	NYS-26B/RK-TC-1B	J. P. Holman, Heat Transfer (4th ed. 1976) (excerpted)	3/29/2012
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ENT000211	NYS-26B/RK-TC-1B	Westinghouse Memorandum LTR-SSO-03-43, Rev. 1, from NS Systems & Safety Analysis, Design Transient Revisions for Indian Point 2 4.7% Uprate – Revised Figures (Apr. 25, 2003) [PROPRIETARY]	3/29/2012
ENT000212	NYS-26B/RK-TC-1B	Westinghouse Memorandum LTR-SCS-03-53, Rev. 0, from NS Systems & Safety Analysis, Design Transient Revisions for Indian Point 3 Stretch Power Uprate Project – Revised Figures (Aug. 21, 2003) [PROPRIETARY]	3/29/2012
ENT000213	NYS-26B/RK-TC-1B	Westinghouse, Systems Standard Design Criteria 1.3.X, Rev. 0, Nuclear Steam Supply System Auxiliary Equipment Design Transients for All Standard Plants (Sept. 1978) [PROPRIETARY]	3/29/2012
ENT000214	NYS-26B/RK-TC-1B	EPRI, Materials Reliability Program: Evaluation of Fatigue Data Including Reactor Water Environmental Effects (Dec. 2001)	3/29/2012
ENT000215	NYS-26B/RK-TC-1B	W. E. Cooper, The Initial Scope and Intent of the Section III Fatigue Design Procedures, in Pressure Vessel Research Council, Technical Information from Workshop on Cyclic Events in Nuclear Applications, Clearwater Beach, Florida, Vol. 1, (Jan. 20, 1992)	3/29/2012
ENT000216	NYS-26B/RK-TC-1B	NUREG-1929, Safety Evaluation Report Related to the License Renewal of Beaver Valley Power Station, Units 1 and 2 (Oct. 2009) (excerpted)	3/29/2012
ENT000217	NYS-26B/RK-TC-1B	Westinghouse, WCAP-9693, Investigation of Feedwater Line Cracking in Pressurized Water Reactor Plants (June 1980) [PROPRIETARY] (excerpted)	3/29/2012

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ENT000218	NYS-26B/RK-TC-1B	Westinghouse Owners Group, WCAP-12639, Pressurizer Surge Line Thermal Stratification Generic Detailed Analysis Program MUHP-1091 Summary Report (June 1990) [PROPRIETARY]	3/29/2012
ENT000219	NYS-26B/RK-TC-1B	Westinghouse, WCAP-12937, Structural Evaluation of Indian Point Units 2 and 3 Pressurizer Surge Lines, Considering the Effects of Thermal Stratification (May 1991) [PROPRIETARY]	3/29/2012
ENT000220	NYS-26B/RK-TC-1B	J. D. Burr <i>et al.</i> , PVP2011-57700, Simulation and Evaluation of Thermal Stratification in a Sloped Surge Nozzle Correlated with Plant Measurements (July 2011)	3/29/2012
ENT000221	NYS-26B/RK-TC-1B	M. E. Nitzel <i>et al.</i> , Comparison of ASME Code NB-3200 and NB-3600: Results for Fatigue Analysis of B31.1 Branch Nozzles (Apr. 1996)	3/29/2012
ENT000222	NYS-26B/RK-TC-1B	Letter from Ekaterina Lenning, NRC, to James A Gresham, Westinghouse, "Westinghouse Electric Company Quality Management System, Revision 6" (Feb. 24, 2011)	3/29/2012
ENT000223	NYS-26B/RK-TC-1B	NUREG-1916, Safety Evaluation Report Related to the License Renewal of Shearon Harris Nuclear Power Plant, Unit 1, Vol. 2 (Nov. 2008) (excerpted)	3/29/2012
ENT000224	NYS-26B/RK-TC-1B	SECY-95-245, Completion of the Fatigue Action Plan (Sept. 25, 1995)	3/29/2012
ENT000225	NYS-26B/RK-TC-1B	NUREG/CR-6815, Review of the Margins for ASME Code Fatigue Design Curve – Effects of Surface Roughness and Material Variability (Sept. 2003)	3/29/2012
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ENT000227	NYS-26B/RK-TC-1B	Westinghouse, WCAP-13588, Operating Strategies for Mitigating Pressurizer Insurge and Outsurge Transients (Mar. 1993) [PROPRIETARY] (excerpted)	3/29/2012

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ENT000228	NYS-26B/RK-TC-1B	Calculation Note RCDA-03-75, Indian Point Unit 3 Stretch Power Uprate Reactor Vessel Structural Evaluation (May 2005) [PROPRIETARY]	3/29/2012
ENT000229	NYS-26B/RK-TC-1B	Calculation Note RCDA-03-64, Indian Point Unit 2 Stretch Power Uprate Reactor Vessel Evaluation (Feb. 2005) [PROPRIETARY]	3/29/2012
ENT000230	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5, NYS-25	Letter from R. Nelson, NRC, to N. Wilmshurst, EPRI, Revision 1 to the Safety Evaluation of Electric Power Research Institute (EPRI) Report, Materials Reliability Prog[ra]m (MRP) Report 1016596 (MRP-227), Revision 0, Pressurized Water Reactor (PWR) Internals Inspection and Evaluation Guidelines (Dec. 16, 2011)	3/29/2012
ENT000231	NYS-26B/RK-TC-1B, NYS-25	NL-08-143, Letter from F. Dacimo, Entergy, to NRC, Additional Information (Regarding License Renewal Application – Reactor Vessel Fluence Clarification (Sept. 24, 2008)	3/29/2012
ENT000232	NYS-6/7	Entergy Statement of Position Regarding Contention NYS-6/7 (Non-EQ Inaccessible Medium and Low-Voltage Cables)	3/29/2012
ENTR00233	NYS-6/7	Testimony of Entergy Witnesses Alan B. Cox, Roger B. Rucker, Thomas S. McCaffrey and Howard G. Sedding Concerning Contentions NYS-6/NYS-7 (Non-EQ Inaccessible Medium and Low Voltage Cables)	9/21/2012
ENT000234	NYS-6/7	NEI 06-05, Medium Voltage Underground Cable White Paper (Apr. 2006)	3/29/2012
ENT000235	NYS-6/7	<i>Curriculum Vitae</i> of Dr. Howard G. Sedding	3/29/2012
ENT000236	NYS-6/7	NL-07-055, Letter from Fred Dacimo, Site Vice President, IPEC, to NRC Document Control Desk, Submittal of Indian Point Response to Generic Letter 2007-01 (May 7, 2007)	3/29/2012
ENT000237	NYS-6/7	Entergy, Procedure EN-DC-346, Cable Reliability Program, Rev. 2 (June 14, 2011)	3/29/2012



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ENT000238	NYS-6/7	EPRI Report 1021070, Medium-Voltage Cable Aging Management Guide, Rev. 1 (Dec. 2010) [PROPRIETARY]	3/29/2012
ENT000239	NYS-6/7	EPRI TR-109619, Guidelines for the Management of Adverse Localized Equipment Environments (June 1999)	3/29/2012
ENT000240	NYS-6/7	EPRI 1020804, Plant Support Engineering: Aging Management Program Development Guidance for AC and DC Low-Voltage Power Cable Systems for Nuclear Power Plants (June 2010)	3/29/2012
ENT000241	NYS-6/7	Entergy, Procedure EN-DC-348, Non-EQ Insulated Cables and Connections Inspection, Rev. 2 (July 5, 2011)	3/29/2012
ENT000242	NYS-6/7	IPEC Low-Voltage In-Scope Cable List (Mar. 2012)	3/29/2012
ENT000243	NYS-6/7	IPEC Medium-Voltage In-Scope Cable List (Mar. 2012)	3/29/2012
ENT000244	NYS-6/7	Electrical Power Cable Engineering (W. Thue ed., 2nd Ed. 2003) (excerpted)	3/29/2012
ENT000245	NYS-6/7	R. Bartnikas and K.D. Srivastava, Power and Communication Cables: Theory and Application (Oct. 1999)	3/29/2012
ENTR00246	NYS-6/7	V. Yaroslavskiy, V. Katz, and C. Olearczyk, Condition Assessment of Belted PILC Cables After 7 to 68 Years of Service, IEEE Transactions on Power Delivery (July 2011)	12/06/2012
ENT000247	NYS-6/7	Entergy, IPEC Maintenance Procedure 0-ELC-418-GEN, Rev. 3 (Oct. 27, 2011)	3/29/2012
ENT000248	NYS-6/7	Manhole Preventive Maintenance Frequencies (Mar. 2012)	3/29/2012
ENT000249	NYS-6/7	Entergy, Procedure EN-LI-102, Corrective Action Process, Rev. 17 (Dec. 8, 2011)	3/29/2012
ENT000250	NYS-6/7	NUREG/CR-5643, Insights Gained From Aging Research (Mar. 1992)	3/29/2012

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ENT000251	NYS-6/7, NYS-5, NYS-38/RK-TC-5	NRC Inspection Manual Chapter 71003, Post-Approval Site Inspection for License Renewal (Oct. 31, 2008)	3/29/2012
ENT000252	NYS-6/7, NYS-5, NYS-38/RK-TC-5	NRC Inspection Manual, Temporary Instruction 2516/001 (Mar. 30, 2011)	3/29/2012
ENTR00253	NYS-6/7	IEEE P400.3-2006, IEEE Guide for Partial Discharge Testing of Shielded Power Cable Systems in a Field Environment (Feb. 5, 2007)	9/21/2012
ENT000254	NYS-6/7	Entergy, Procedure EN-MA-138, VLF Tan Delta and Withstand Testing of Electrical Power Cables, Rev. 0 (Aug. 1, 2011)	3/29/2012
ENT000255	NYS-6/7	Entergy, Procedure EN-MA-134, Offline Motor Electrical Testing, Rev. 2 (Dec. 12, 2011)	3/29/2012
ENTR00256	NYS-6/7	IEEE 400.2-2004, IEEE Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF) (Sept. 23, 2004)	9/21/2012
ENT000257	CW-EC-3A	Entergy Statement of Position Regarding Contention CW-EC-3A (Environmental Justice)	3/29/2012
ENT000258	CW-EC-3A	Testimony of Entergy Witnesses Donald P. Cleary, Jerry L. Riggs, and Michael J. Slobodien Regarding Contention CW-EC-3A (Environmental Justice)	3/29/2012
ENT000259	CW-EC-3A	Executive Order 12898 of February 11, 1994, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, 59 Fed. Reg. 7629 (Feb. 16, 1994)	3/29/2012
ENT000260	CW-EC-3A	Commission's Final Policy Statement, Policy Statement on the Treatment of Environmental Justice Matters in NRC Regulatory and Licensing Actions, 69 Fed. Reg. 52,040 (Aug. 24, 2004)	3/29/2012

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ENT000261	CW-EC-3A	NRC's Office of Nuclear Reactor Regulation Office Instruction, LIC-203, Rev. 1, Procedural Guidance for Preparing Environmental Assessments and Considering Environmental Issues (May 24, 2004) (excerpts)	3/29/2012
ENT000262	CW-EC-3A	<i>Curriculum Vitae</i> of Michael J. Slobodien	3/29/2012
ENT000263	CW-EC-3A	James Lee Witt Associates, Review of Emergency Preparedness of Area Adjacent to Indian Point and Millstone (2003)	3/29/2012
ENT000264	CW-EC-3A	NRC's Office of Nuclear Reactor Regulation Office Instruction, LIC-203, Rev. 2, Procedural Guidance for Preparing Environmental Assessments and Considering Environmental Issues (Feb. 11, 2009)	3/29/2012
ENT000265	CW-EC-3A	U.S. Census Bureau, Technical Documentation, Summary File 1 – 2000 Census of Population and Housing (Mar. 2005)	3/29/2012
ENT000266	CW-EC-3A	Council on Environmental Quality, Environmental Justice, Guidance Under the National Environmental Policy Act (Dec. 10, 1997)	3/29/2012
ENT000267	CW-EC-3A	U.S. Census Bureau, Summary File 4, 2000 Census of Population and Housing (2007) (excerpted)	3/29/2012
ENT000268	CW-EC-3A	Table of Census Block Groups within a 50-Mile Radius of Indian Point Energy Center	3/29/2012
ENT00269A-B	CW-EC-3A, RK-EC-3/CW-EC1	National Council on Radiation Protection and Measurements Report No. 160 (March 2009)	3/29/2012
ENT000270	CW-EC-3A	Final Rule, Nuclear Power Plant License Renewal, 56 Fed. Reg. 64,943 (Dec. 13, 1991)	3/29/2012

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ENT000271	CW-EC-3A	NUREG-0654/FEMA-REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, Rev. 1, Supp. 3 (1996)	3/29/2012
ENT000272	CW-EC-3A	New York State Radiological Emergency Preparedness Plan for Commercial Nuclear Power Plants (Mar. 2011)	3/29/2012
ENT000273	CW-EC-3A	FEMA Final Exercise Report for the Indian Point Energy Center Radiological Preparedness Plume Pathway Exercise (Dec. 5, 2011)	3/29/2012
ENT000274	CW-EC-3A	Letter from L. Canton, Regional Administrator, FEMA, U.S. Department of Homeland Security, to J. R. Gibb, Director, New York State Emergency Management Office (June 28, 2010)	3/29/2012
ENT000275	CW-EC-3A	Letter from W. C. Conklin, Chemical and Nuclear Preparedness Protection Division, U.S. Department of Homeland Security, to J. R. Gibb, Director, New York State Emergency Management Office (Feb. 21, 2007)	3/29/2012
ENT000276	CW-EC-3A	FEMA, Radiological Emergency Preparedness; Reasonable Assurance Finding for the Indian Point Energy Center, 68 Fed. Reg. 57,702 (Oct. 6, 2003)	3/29/2012
ENT000277	CW-EC-3A	FEMA, Approval of the State of New York Radiological Emergency Response Plant Site-specific to the Indian Point Nuclear Power Generating Station, 61 Fed. Reg. 24,938 (May 17, 1996)	3/29/2012
ENT000278	CW-EC-3A	Indian Point Energy Center Emergency Plan Implementing Procedure IP-EP-410, "Protective Action Recommendations," Rev. 7 (Jun. 30, 2011)	3/29/2012
ENT000279	Number Not Used		

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT000280	CW-EC-3A	India Point Energy Center Emergency Plan, Implementing Procedures, Procedure IP-EP-120, Rev. 6 (Dec. 15, 2010)	3/29/2012
ENT000281	CW-EC-3A	NY CLS Social Services Law § 390	3/29/2012
ENT000282	CW-EC-3A	Denial of Petitions for Rulemaking, Emergency Preparedness at Nuclear Power Plants, 55 Fed. Reg. 5603 (Feb. 16, 1990)	3/29/2012
ENT000283	CW-EC-3A	NYS Executive Law Article 2-B (2010)	3/29/2012
ENT00284A-B	CW-EC-3A	EPA 400-R-92-001, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents (May 1992) (excerpted)	3/29/2012
ENT00285A-D	CW-EC-3A	Westchester County Radiological Emergency Plan for the Indian Point Energy Center	3/29/2012
ENT00286A-E	CW-EC-3A	Rockland County Radiological Emergency Preparedness Plan (May 2010)	3/29/2012
ENT000287	CW-EC-3A	Westchester County Indian Point Emergency Guide (2010-2011)	3/29/2012
ENT000288	CW-EC-3A	Rockland County Emergency Planning for Indian Point Booklet (2011-2012)	3/29/2012
ENT000289	CW-EC-3A	9 NYCRR AA § 7651.32; § 7651.31(c)(4)	3/29/2012
ENT000290	CW-EC-3A	NRC Regulatory Issue Summary 2004-13, Consideration of Sheltering in Licensee's Range of Protective Action Recommendations (Aug. 2, 2004)	3/29/2012
ENT000291	CW-EC-3A	NUREG/CR-6953, Review of NUREG-0654 / FEMA-REP-1, Rev. 1, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents (Dec. 2007)	3/29/2012
ENT000292	CW-EC-3A	10 NYCRR § 405.24	3/29/2012

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ENT000293	CW-EC-3A	10 NYCRR § 702.7	3/29/2012
ENT000294	CW-EC-3A	10 NYCRR § 415.26	3/29/2012
ENT000295	CW-EC-3A	FEMA Program Manual, Radiological Emergency Preparedness (Oct. 2011)	3/29/2012
ENT000296	CW-EC-3A	Westchester County Indian Point Emergency Guide (2010-2011) (Spanish Edition)	3/29/2012
ENT000297	CW-EC-3A	18 NYCRR 414.5(b)	3/29/2012
ENT000298	CW-EC-3A	NUREG/CR-6981, Assessment of Emergency Response Planning and Implementation for Large Scale Evacuations (Oct. 2008)	3/29/2012
ENT000299	CW-EC-3A	Letter from W. Dean, NRC, Regional Administrator, Region I, to M. Kaplowitz, Westchester County Board of Legislators, District #4 (July 28, 2011)	3/29/2012
ENT000300	RK-EC-3/CW-EC-1	Entergy's Statement of Position on Consolidated Contention RK-TC-3/CW-EC-1 (Spent Fuel Pool Leaks)	3/29/2012
ENT000301	RK-EC-3/CW-EC-1	Testimony of Entergy Witness Donald M. Mayer, Alan B. Cox, Thomas C. Esselman, Matthew J. Barvenik, Carl J. Paperiello, and F. Owen Hoffman Regarding Consolidated Contention RK-EC-3/CW-EC-1 (Spent Fuel Pool Leaks)	3/29/2012
ENT000302	RK-EC-3/CW-EC-1	<i>Curriculum Vitae</i> of Donald M. Mayer	3/29/2012
ENT000303	RK-EC-3/CW-EC-1	<i>Curriculum Vitae</i> of Thomas C. Esselman	3/29/2012
ENT000304	RK-EC-3/CW-EC-1	<i>Curriculum Vitae</i> of Matthew J. Barvenik	3/29/2012

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ENT000305	RK-EC-3/CW-EC-1	<i>Curriculum Vitae</i> of Carl J. Paperiello	3/29/2012
ENT000306	RK-EC-3/CW-EC-1	<i>Curriculum Vitae</i> of F. Owen Hoffman	3/29/2012
ENT000307	RK-EC-3/CW-EC-1	Entergy's "Indian Point Energy Center, Units 1, 2, and 3, Offsite Dose Calculation Manual, Rev. 3" (Jan. 24, 2011)	3/29/2012
ENT000308	RK-EC-3/CW-EC-1	2005 Annual Radiological Environmental Operating Report (NL-06-053) (April 30, 2006)	3/29/2012
ENT000309	RK-EC-3/CW-EC-1	2006 Annual Radiological Environmental Operating Report (NL-07-064) (May 15, 2007)	3/29/2012
ENT000310	RK-EC-3/CW-EC-1	2007 Annual Radiological Environmental Operating Report (NL-08-081) (May 15, 2008)	3/29/2012
ENT000311	RK-EC-3/CW-EC-1	2008 Annual Radiological Environmental Operating Report (NL-09-061) (May 14, 2009)	3/29/2012
ENT000312	RK-EC-3/CW-EC-1	2009 Annual Radiological Environmental Operating Report (NL-10-053) (May 13, 2010)	3/29/2012
ENT000313	RK-EC-3/CW-EC-1	2010 Annual Radiological Environmental Operating Report (NL-11-038) (May 16, 2011)	3/29/2012
ENT000314	RK-EC-3/CW-EC-1	2005 Annual Radioactive Effluent Release Report (NL-06-045) (Apr. 28, 2006)	3/29/2012

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ENT000315	RK-EC-3/CW-EC-1	2006 Annual Radioactive Effluent Release Report (NL-07-050) (Apr. 25, 2007)	3/29/2012
ENT00316A-C	RK-EC-3/CW-EC-1	2007 Annual Radioactive Effluent Release Report (Apr. 17, 2009)	3/29/2012
ENT000317	RK-EC-3/CW-EC-1	2008 Annual Radioactive Effluent Release Report (Apr. 17, 2009)	3/29/2012
ENT000318	RK-EC-3/CW-EC-1	2009 Annual Radioactive Effluent Release Report (NL-10-045) (Apr. 29, 2010)	3/29/2012
ENT000319	RK-EC-3/CW-EC-1	2010 Annual Radioactive Effluent Release Report, Rev. 1 (NL-11-068) (June 10, 2011)	3/29/2012
ENT00320A-D	RK-EC-3/CW-EC-1	United Water Haverstraw Water Supply Project 6 NYCCRR Part 601 Water Supply Permit Application (Dec. 2011)	3/29/2012
ENT000321	RK-EC-3/CW-EC-1	Lawrence C. Skinner and Timothy J. Sinnot, Measurement of Strontium (90Sr) and Other Radionuclides in Edible Tissues and Bone/Carapace of Fish and Blue Crabs from the Lower Hudson River (Nov. 2009)	3/29/2012
ENT000322	RK-EC-3/CW-EC-1, NYS-5	SECY-11-0019, Senior Management Review of Overall Regulatory Approach to Groundwater Protection (Feb. 9, 2011) (Regulatory Framework)	3/29/2012
ENT000323	RK-EC-3/CW-EC-1	Dr. F. Hoffman, Entergy Aquatic Biota Calculations (Feb. 10, 2012)	3/29/2012



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ENT000324	RK-EC-3/CW-EC-1	E-mail notification from Donald Mayer, Director, IPEC Unit 1, Entergy, to John White, Branch Chief, Radiation Protection, NRC Region 1, "Subject: Indian Point 1" (Nov. 5, 2008)	3/29/2012
ENT000325	RK-EC-3/CW-EC-1	NYSDEC 2007 Community Fact Sheet (Sept. 2007)	3/29/2012
ENT000326	RK-EC-3/CW-EC-1	Lucius Pitkin, Inc., Discussion on Aging of the Indian Point 2 Spent Fuel Pit, Report No: A11357-R-001 (Feb. 2012)	3/29/2012
ENT000327	RK-EC-3/CW-EC-1	3-CY-2325, Rev. 10, Radioactive Sampling Schedule (June 16, 2011)	3/29/2012
ENT000328	RK-EC-3/CW-EC-1	USGS, Water Use, Ground-Water Recharge and Availability, and Quality of Water in the Greenwich Area, Fairfield County, Connecticut and Westchester County, New York, 2000-2002 (2004)	3/29/2012
ENT000329	RK-EC-3/CW-EC-1	IPEC-CHM-12-005, IPEC ODCM Liquid Effluent Pathway Bases (Feb. 12, 2012)	3/29/2012
ENT000330	RK-EC-3/CW-EC-1	Consolidated Edison, An Evaluation to Demonstrate the Compliance of the Indian Point Reactors with the Design Objectives of 10 CFR Part 50, App. I, Vol. 1 – Main Report (Feb. 1977)	3/29/2012
ENT00331A-P	RK-EC-3/CW-EC-1	GZA GeoEnvironmental, Inc., Hydrogeologic Site Investigation Report (Jan. 7, 2008)	3/29/2012
ENT000332	RK-EC-3/CW-EC-1	GZA GeoEnvironmental, Inc., Changes in Computed Tritium Plume Total Activity Over Time - Exponential Decay Curve Trending of Quarterly Data through Q3 2011	3/29/2012

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ENT000333	RK-EC-3/CW-EC-1	GZA GeoEnvironmental, Changes in Computed Strontium Plume Total Activity Over Time - Exponential Decay Curve Trending of Quarterly Data through Q3 2011	3/29/2012
ENT00334A-E	RK-EC-3/CW-EC-1	GZA GeoEnvironmental, Inc., Final IPEC Quarterly Long-Term Groundwater Monitoring Report, Quarter Two 2010	3/29/2012
ENT00335A-E	RK-EC-3/CW-EC-1	GZA GeoEnvironmental, Inc., Final IPEC Quarterly Long-Term Groundwater Monitoring Report, Quarter One 2009 (Report No. 5) (June 22, 2010)	3/29/2012
ENT000336	RK-EC-3/CW-EC-1	IP-SMM-CY-110, Rev. 5, Radiological Ground Water Monitoring Program (Mar. 2011)	3/29/2012
ENT000337	RK-EC-3/CW-EC-1	2-CY-2625, General Plant Systems Specifications and Frequencies (Mar. 2012)	3/29/2012
ENT000338	Exhibit Not Used		
ENT000339	RK-EC-3/CW-EC-1	Regulatory Guide 1.109, Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I, Rev. 1 (Oct. 1977)	3/29/2012
ENT000340	RK-EC-3/CW-EC-1	EPA, Use of Monitored Natural Attenuation, OSWER Directive 9200.4-17P (Apr. 1999)	3/29/2012
ENT000341	RK-EC-3/CW-EC-1	USGS, Flow-Log Analysis for Hydraulic Characterization of Selected Test Wells at the Indian Point Energy Center, Buchanan, New York (2008)	3/29/2012

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ENT000342	RK-EC-3/CW-EC-1	Memorandum from Samuel J. Collins, NRC Region I Administrator, to R. William Borchardt, NRC Executive Director of Operations, "Request for Renewal of Deviation to the Action Matrix to Provide Heightened NRC Oversight of Onsite Ground Water Monitoring at [IPEC]" (Dec. 16, 2008)	3/29/2012
ENT000343	RK-EC-3/CW-EC-1	Letter from Darrel J. Roberts, NRC, to Joseph Pollock, Entergy, "[IP1, IP2 & IP 3] NRC Inspection Report Nos. 05000003/2009008; 05000247/2009008; and 05000286/2009008" (Oct. 19, 2009)	3/29/2012
ENT000344	RK-EC-3/CW-EC-1	Letter from D. C. Lew, NRC, to J. E. Pollock, Entergy, "Annual Assessment Letter – Indian Point Nuclear Generating Units 2 and 3 (Reports 05000247/2010001 & 05000286/20100001)" (Mar. 3, 2010)	3/29/2012
ENT000345	RK-EC-3/CW-EC-1	NYSDEC Community Fact Sheet (May 2008)	3/29/2012
ENT000346	RK-EC-3/CW-EC-1	Memorandum from James Dyer, NRC Region I Administrator, to Luis Reyes, NRC Executive Director of Operations, "Request for Deviation from the Reactor Oversight Process Action Matrix to Provide Increased NRC Oversight of Specific Issues at Indian Point Energy Center" (Oct. 28, 2005)	3/29/2012
ENTR00347	RK-EC-3/CW-EC-1	Indian Point Nuclear Generating Unit 3 – NRC Integrated Inspection Report 05000286/2007003 (Aug. 8, 2007)	3/30/2012
ENT000348	RK-EC-3/CW-EC-1	ICRP, Annals Publication 26, Recommendations of the International Commission on Radiological Protection (1977) (excerpted)	3/29/2012
ENT000349	RK-EC-3/CW-EC-1	ICRP, Annals Publication 60, Recommendations of the International Commission on Radiological Protection (1990) (excerpted)	3/29/2012

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ENT000350	RK-EC-3/CW-EC-1	NCRP, Report No. 109, Effects of Ionizing Radiation on Aquatic Organisms (1991)	3/29/2012
ENT000351	RK-EC-3/CW-EC-1	ICRP, Annals Publication 103, Recommendations of the International Commission on Radiological Protection (2007)	3/29/2012
ENTR0352A	RK-EC-3/CW-EC-1	SECY-08-0197, Options to Revise Radiation Protection Regulations and Guidance with Respect to the 2007 Recommendations of the International Commission on Radiological Protection (Dec. 18, 2008)	4/06/2012
ENTR0352B	RK-EC-3/CW-EC-1	Staff Requirements Memorandum, SECY-08-0197, Options to Revise Radiation Protection Regulations and Guidance with Respect to the 2007 Recommendations of the International Commission on Radiological Protection (Apr. 2, 2009)	4/06/2012
ENT000353	RK-EC-3/CW-EC-1	DOE, DOE-STD-1153-2002, A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota (July 2002) (excerpted)	3/29/2012
ENT00354A-B	RK-EC-3/CW-EC-1	UNSCEAR, Sources and Effects of Ionizing Radiation, Report to the General Assembly Vol. II, Annex E (2008) (Effects of Ionizing Radiation on Non-Human Biota)	3/29/2012
ENT000355	RK-EC-3/CW-EC-1	NMFS, Relicensing - Indian Point Nuclear Generating Station F/NER/2009/00619, Endangered Species Act Section 7 Consultation, Biological Opinion (Oct. 14, 2011)	3/29/2012
ENT000356	RK-EC-3/CW-EC-1	SRM, SECY-97-046A: Final Rule on Radiological Criteria for License Termination (March 31, 1997)	3/29/2012
ENT000357	Number Not Used		
ENT000358	RK-EC-3/CW-EC-1	See Final Rule, Standards for Protection Against Radiation, 56 Fed. Reg. 23,360 (May 21, 1991)	3/29/2012

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ENT000359	RK-EC-3/CW-EC-1	DOE, UCRL-TR-214061, Radioactivity of Potassium Solutions: A Comparison of Calculated Activity to Measured Activity from Gross Beta Counting and Gamma Spectroscopy Ref. UCRL-TR-214061 (July 26, 2005)	3/29/2012
ENT000360	RK-EC-3/CW-EC-1	EPA, Basic Information about Radionuclides in Drinking Water, web page	3/29/2012
ENT000361	RK-EC-3/CW-EC-1	Steven Simon, Andre Bouville, and Charles Land, Fallout from Nuclear Weapons Tests and Cancer Risk, 94 Sci. Am. 48-57 (2006)	3/29/2012
ENT000362	RK-EC-3/CW-EC-1	UNSCEAR, Sources and Effects of Ionizing Radiation, Report to the General Assembly, Vol. I, Annex C (2000) (Exposures to the public from man-made sources of radiation) (2000)	3/29/2012
ENT000363	RK-EC-3/CW-EC-1	GeoEnvironmental, Inc., Hydraulic Control Plan Indian Point Energy Center (July 19, 2006)	3/29/2012
ENT000364	RK-EC-3/CW-EC-1	Indian Point Independent Safety Evaluation Report (July 31, 2008)	3/29/2012
ENT000365	RK-EC-3/CW-EC-1	Joint Application for CWA § 401 Water Quality Certification, Transcript of Cross-Examination of Paul J. Kolakowski, NYSDEC (Nov. 15, 2011) (excerpted)	3/29/2012
ENT000366	RK-EC-3/CW-EC-1	E-mail from Christopher J. Gobler, Ph.D., Stony Brook Univ., to Scott Cullen, Riverkeeper (Aug. 17, 2007) (Bates # RK0001060)	3/29/2012
ENT000367	RK-EC-3/CW-EC-1	Study of Hudson River Finfish, Shellfish and Sediment to Assess the Long-term Environmental Impacts of Liquid Radiological Releases from Indian Point on the Hudson River Biota (Bates # RK0001105)	3/29/2012

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ENT000368	RK-EC-3/CW-EC-1	E-mail from Christopher J. Gobler, Ph.D., Stony Brook Univ., to Phillip Musegaas, Riverkeeper (July 10, 2008) (Bates # RK0001069)	3/29/2012
ENT000369	NYS-26B/RK-TC-1B	Entergy Nuclear Vt. Yankee (Vt. Yankee Nuclear Power Station), Docket No. 50-271-LR, Hearing Transcript (Jul. 21, 2008) (excerpted)	3/29/2012
ENT000370	RK-EC-3/CW-EC-1	Letter NL-08-023, from F. Dacimo, Entergy, to NRC, Supplemental Response to Request for Additional Information Regarding Environmental Review for License Renewal Application (Jan. 30, 2008)	3/29/2012
ENT000371	RK-EC-3/CW-EC-1	Letter NL-08-009, from J. Pollock, Entergy, to NRC, Results of Ground Water Contamination Investigation (Jan. 11, 2008)	3/29/2012
ENTR20372	NYS-5	Entergy's Statement of Position Regarding Contention NYS-5 (Buried Piping and Tanks)	12/07/2012
ENTR30373	NYS-5	Testimony Of Applicant Witnesses Alan Cox, Ted Ivy, Nelson Azevedo, Robert Lee, Stephen Biagiotti, And Jon Cavallo Concerning Contention NYS-5 (Buried Piping And Tanks)	12/05/2012
ENT000374	NYS-5	<i>Curriculum Vitae</i> of Ted Ivy	3/30/2012
ENT000375	NYS-5	<i>Curriculum Vitae</i> of Robert C. Lee	3/30/2012
ENT000376	NYS-5	<i>Curriculum Vitae</i> of Stephen F. Biagiotti, Jr.	3/30/2012
ENTR00377	NYS-5	<i>Curriculum Vitae</i> of Jon R. Cavallo	5/09/2012
ENT000378	NYS-5	NEI 09-14, Rev. 0, Guideline for the Management of Buried Piping Integrity (Jan. 2010)	3/30/2012

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ENT000379	NYS-5	Draft License Renewal Interim Staff Guidance (LR-ISG), LR- ISG-2011-03, Changes to GALL Report Revision 2 Aging Management Program (AMP) XI.M41, Buried and Underground Piping and Tanks (Mar. 2012)	3/30/2012
ENT000380	NYS-5	NL-08-057, Letter from F. Dacimo, Entergy, to NRC, "Amendment 3 to License Renewal Application (LRA)" (Mar. 24, 2008)	3/30/2012
ENT000381	NYS-5	NL-12-032, Letter from F. Dacimo, Entergy, to NRC, "Correction to Previous Response Regarding Unit 1 Buried Piping" (Jan. 30 2012)	3/30/2012
ENT000382	NYS-5	Program Section No. SEP-IP3-IST-2, Rev. 0, Indian Point 3 Fourth Ten-Year Interval Inservice Testing Program Plan (June 2011)	3/30/2012
ENT000383	NYS-5	ASME OM Code-2001, Section ISTA 1100, General Requirements	3/30/2012
ENT000384	NYS-5	Program Section No. SEP-IP2-IST-2, Rev. 0, Indian Point 2 Fourth Ten-Year Interval Inservice Testing Program Plan (July 2011)	3/30/2012
ENT000385	NYS-5	Letter from Chairman G. Jaczko, NRC to Senator E. Markey, Enclosure (June 17, 2009)	3/30/2012
ENT000386	NYS-5	NUREG/CR-6876, Risk-Informed Assessment of Degraded Buried Piping Systems in Nuclear Power Plants (June 2005)	3/30/2012
ENT000387	NYS-5	H. Uhlig & R. Winston Revie, Corrosion and Corrosion Control, An Introduction to Corrosion Science and Engineering (3d ed. 1985)	3/30/2012
ENT000388	NYS-5	NACE SP0169-2007, Standard Practice – Control of External Corrosion on Underground or Submerged Metallic Piping Systems (Mar. 15, 2007)	3/30/2012

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ENT000389	NYS-5	S.F. Biagiotti, Jr., <i>et al.</i> , Using Soil Analysis and Corrosion Rate Modeling to Support ECDA and Integrity Management of Pipelines and Buried Plant Piping, Paper 10059 (Mar. 2010)	3/30/2012
ENT000390	NYS-5	A.W. Peabody, Peabody's Control of Pipeline Corrosion (2d ed. 2001)	3/30/2012
ENT000391	NYS-5	M. Romanoff, Underground Corrosion, National Bureau of Standards Circular (1957)	3/30/2012
ENT000392	NYS-5	The Engineering Toolbox ( <a href="http://www.engineeringtoolbox.com">www.engineeringtoolbox.com</a> )	3/30/2012
ENT000393	NYS-5	AWWA C-203-62, AWWA Standard for Coal-Tar Enamel Protective Coatings for Steel Water Pipe (Jan. 1962)	3/30/2012
ENT000394	NYS-5	IPEC Buried Piping Specification 9321-05-248-18 (Apr. 21, 1975)	3/30/2012
ENT000395	NYS-5	IPEC Buried Piping Specification 9321-01-248-35 (Mar. 30, 1999)	3/30/2012
ENT000396	NYS-5	IPEC Buried Piping Specification 9321-05-248-35 (Jan. 26, 1970)	3/30/2012
ENT000397	NYS-5	IPEC Buried Piping Specification 9321-01-44-1 (Dec. 28, 1966)	3/30/2012
ENT000398	NYS-5	IPEC Buried Piping Specification 9321-05-44-3 (Jan. 26, 1970)	3/30/2012
ENT000399	NYS-5	IPEC Buried Piping Specification 9321-01-248-18 (Jan. 15, 2012)	3/30/2012
ENT000400	NYS-5	IPEC Buried Piping Specification 9321-01-44-2 (Dec. 28, 1966)	3/30/2012
ENT000401	NYS-5	EN-LI-102, Rev. 17, Corrective Action Process (Dec. 8, 2011)	3/30/2012
ENT000402	NYS-5	Unit 2 LRA Circulating Water Diagram (Sept. 2011)	5/09/2012



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ENT000403	NYS-5	NL-09-079, Letter from Fred Dacimo, Entergy, to NRC Document Control Desk, "Reply to Request for Additional Information Regarding Offsite Power, Refueling Cavity, and Unit 2 Auxiliary Feedwater Pump Room Fire Event" (June 12, 2009)	5/09/2012
ENT000404	NYS-5	Paint & Coatings Industry Magazine, Coal Tar Enamel, (May 31, 2001), <a href="http://www.pcimag.com/articles/coal-tar-enamel">http://www.pcimag.com/articles/coal-tar-enamel</a>	3/30/2012
ENT000405	NYS-5	Brian Scott, <i>Coal Tar Enamel Coatings Prove Out in Service</i> , Pipeline & Gas J. (June 2001), <a href="http://findarticles.com/p/articles/mi_m3251/is_6_228/ai_n25035018">http://findarticles.com/p/articles/mi_m3251/is_6_228/ai_n25035018</a>	3/30/2012
ENT000406	NYS-5	NEI Nuclear Strategic Issues Advisory Committee, Proposed Buried Piping Integrity Initiative (Nov. 18, 2009)	3/30/2012
ENT000407	NYS-5	NEI, Underground Piping and Tanks Integrity Initiative (Sept. 2010)	3/30/2012
ENT000408	NYS-5	EN-EP-S-002-MULTI, Rev. 0, Buried Piping and Tanks General Visual Inspection (Oct. 30, 2009)	3/30/2012
ENT000409	NYS-5	LRA Auxiliary Feedwater Diagram (Jan. 2012)	3/30/2012
ENT000410	NYS-5	LRA City Water Diagram (Jan. 2012)	3/30/2012
ENT000411	NYS-5	LRA Containment Isolation Support Diagram (Jan. 2012)	3/30/2012
ENT000412	NYS-5	LRA Fire Protection Unit 2 Diagram (Jan. 2012)	3/30/2012
ENT000413	NYS-5	LRA Fire Protection Unit 3 Diagram (Jan. 2012)	3/30/2012
ENT000414	NYS-5	LRA Fuel Oil Unit 2 Diagram (Jan. 2012)	3/30/2012
ENT000415	NYS-5	LRA Fuel Oil Unit 3 Diagram (Jan. 2012)	3/30/2012

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ENT000416	NYS-5	LRA Plant Drains Unit 2 Diagram (Jan. 2012)	3/30/2012
ENT000417	NYS-5	LRA Plant Drains Unit 3 Diagram (Jan. 2012)	3/30/2012
ENT000418	NYS-5	LRA Safety Injection Diagram (Jan. 2012)	3/30/2012
ENT000419	NYS-5	LRA Security Generator Diagram (Jan. 2012)	3/30/2012
ENT000420	NYS-5	LRA Service Water Unit 2 Diagram (Feb. 2012)	3/30/2012
ENT000421	NYS-5	LRA Service Water Unit 3 Diagram (Jan. 2012)	3/30/2012
ENTR00422	NYS-5	River Water System Unit 1 Diagram (Jan. 2012)	5/09/2012
ENT000423	NYS-5	NEI 07-07, Industry Ground Water Protection Initiative (Aug. 2007)	3/30/2012
ENT000424	NYS-5	Staff Requirements – SECY-11-0019 – Senior Management Review of Overall Regulatory Approach to Groundwater Protection (Aug. 15, 2011)	3/30/2012
ENT000425	NYS-5	NRC Inspection Manual Temporary Instruction 2515/182, Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks (Nov. 17, 2011)	3/30/2012
ENT000426	NYS-5	Condition Report CR-IP2-2008-04754 (Oct. 23, 2008)	3/30/2012
ENT000427	NYS-5	Letter from M. Gray, NRC, to J. Pollock, Entergy, “Indian Point Nuclear Generating Unit 2 – NRC Integrated Inspection Report 05000247/2009002” (May 15, 2009)	3/30/2012
ENT000428	NYS-5	Structural Integrity Associates, Inc., G-Scan Assessment of Various Buried Piping (Nov. 16, 2009)	3/30/2012

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT000429	NYS-5	Screen Shots of Work Orders Associated with the Installation of Modifications to Add Cathodic Protection to Protect Indian Point Unit 2 Buried CST lines to the Auxiliary Feedwater Building/Pumps (Engineering Change 25391) and Indian Point Unit 3 Buried CST Lines to the Auxiliary Feedwater Building/Pumps (Engineering Change 27604) (Mar. 2012)	3/30/2012
ENT000430	NYS-5	General Visual Inspection Report for IP3 AFW/Cond Return Line to CST (8-inch Line 1080) (Dec. 2011)	3/30/2012
ENT000431	NYS-5	General Visual Inspection Report IP3 CST supply to AFW Pumps (12-inch Line #1070) (Dec. 2011)	3/30/2012
ENT000432	NYS-5	UT Erosion/Corrosion Examination Report No. IP3-UT-11-076 (8-inch Line #1080, CST return line) (Dec. 2011)	3/30/2012
ENT000433	NYS-5	UT Erosion/Corrosion Examination Report No. IP3-UT-11-077 (12-inch Line #1070, CST supply to the AFW pump section) (Dec. 2011)	3/30/2012
ENT000434	NYS-5	General Visual Inspection Report for 10-inch City Water Line from Catskill Water Supply (Oct. 2009)	3/30/2012
ENT000435	NYS-5	General Visual Inspection Report for 16-inch City Water Line from CWST (Oct. 2009)	3/30/2012
ENT000436	NYS-5	General Visual Inspection Report for 10-inch City Water/Fire Water Line at Maintenance Training Facility (Nov. 2009)	3/30/2012
ENT000437	NYS-5	General Visual Inspection Report for IP3 8-inch Fire Protection Line (N/S) at N/W corner of the WHUT Pit (Aug. 2011)	3/30/2012

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ENT000438	NYS-5	General Visual Inspection Report for IP3 6-inch Dire Protection Line (N/S) corner of the WHUT Pit (Aug. 2011)	3/30/2012
ENT000439	NYS-5	General Visual Inspection Report for IP2 Service Water 24-inch Line 408 (WO #279576-02) (Nov. 2011)	3/30/2012
ENT000440	NYS-5	General Visual Inspection Report for IP2 Service Water 24-inch Line 409 (WO #279576-02) (Nov. 2011)	3/30/2012
ENT000441	NYS-5	UT Erosion/Corrosion Examination Report No. IP2-UT-11-048 (Service Water 24-inch Line 408) (Dec. 2011)	3/30/2012
ENT000442	NYS-5	UT Erosion/Corrosion Examination Report No. IP2-UT-12-002 (Service Water 24-inch Line 409) (Jan. 2012)	3/30/2012
ENT000443	NYS-5	Condition Report CR-IP2-2011-06248 (Dec. 8, 2011)	3/30/2012
ENT000444	NYS-5	Condition Report CR-IP2-2011-06250 (Dec. 8, 2011)	3/30/2012
ENT000445	NYS-5	Report No. 0900271, Rev. 0, Indian Point Energy Center APEC Survey (Nov. 17, 2011)	3/30/2012
ENT000446	Number Not Used		
ENT000447	NYS-5	API 570, Piping Inspection Code: In-Service Inspection, Rating, Repair, Alteration of Piping Systems, American Petroleum Institute (2d ed. Oct. 1998)	3/30/2012
ENT000448	NYS-5	UT Erosion/Corrosion Examination Report No. IP2-UT-11-050 (Service Water 24-inch Line 409) (Dec. 2011)	3/30/2012
ENT000449	NYS-12C	Entergy's Statement of Position Regarding Consolidated Contentions NYS-12C (Severe Accident Mitigation Alternatives Analysis)	3/30/2012

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ENT000450	NYS-12C	Testimony of Entergy Witnesses Lori Potts, Kevin O’Kula, and Grant Teagarden Concerning Consolidated Contention NYS-12C (Severe Accident Mitigation Alternatives Analysis)	3/30/2012
ENT000451	NYS-12C	Notice of Availability of the Final License Renewal Interim Staff Guidance LR-ISG-2006-03: Staff Guidance for Preparing Severe Accident Mitigation Alternatives Analyses, 72 Fed. Reg. 45,466 (Aug. 14, 2007)	3/30/2012
ENT000452	NYS-12C	NUREG-75/014, Reactor Safety Study: An Assessment of Accident Risks in U.S. Commercial Nuclear Power Plants, Appendix VI (1975) (excerpted)	3/30/2012
ENT000453	NYS-12C	NUREG/CR-2239, Technical Guidance for Siting Criteria Development (1982) (excerpted)	3/30/2012
ENT000454	NYS-12C	DOE Office of Health, Safety and Security, Safety Software Quality Assurance - Central Registry, <i>available at</i> <a href="http://www.hss.doe.gov/nuclearsafety/qa/sqa/central_registry.htm">http://www.hss.doe.gov/nuclearsafety/qa/sqa/central_registry.htm</a>	3/30/2012
ENT000455	NYS-12C	NUREG-1935, State-of-the-Art Reactor Consequence Analyses (SOARCA) Report, Draft Report for Public Comment (Jan. 2012)	3/30/2012
ENT000456	NYS-12C	NUREG/CR-7110, Vol. 1, State-of-the-Art Reactor Consequence Analyses Project: Peach Bottom Integrated Analysis (Jan. 2012)	3/30/2012
ENT000457	NYS-12C	NUREG/CR-7110, Vol. 2, State-of-the-Art Reactor Consequence Analyses Project: Surry Integrated Analysis (Jan. 2012)	3/30/2012
ENT000458	NYS-12C	Nathan Bixler, Sandia National Laboratories, PSA 2011 Overview of MACCS2 Models (Mar. 11, 2011) (excerpted)	3/30/2012
ENT000459	NYS-12C	IP-RPT-09-00044, Rev. 0, Re-Analysis of IP2 and IP3 Severe Accident Mitigation Alternatives (SAMAs) (Dec. 3, 2009)	3/30/2012
ENT000460	NYS-12C	NL-08-028, Letter from Fred Dacimo, Entergy, to NRC “Reply to Request for Additional Information Regarding License Renewal Application - Severe Accident Mitigation Alternatives Analysis” (Feb. 5, 2008)	3/30/2012

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ENT000461	NYS-12C	Consumer Price Index History Table: Table Containing History of CPI-U U.S. All Items Indexes and Annual Percent Changes From 1913 to Present (Mar. 16, 2012)	3/30/2012
ENT000462	NYS-12C	K.M. Thiessen et al., <i>Modeling remediation options for urban contamination situations</i> , 100 J. Env. Rad. 564 (2009)	3/30/2012
ENT000463	NYS-12C	U.S. Environmental Protection Agency, OSC Radiological Response Guideline (Oct. 2006)	3/30/2012
ENT000464	NYS-12C	Entergy Calculation No. IP-CALC-09-00265, Rev. 0, Re-analysis of MACCS2 Models for IPEC (Dec. 2, 2009)	3/30/2012
ENT000465	NYS-12C	Defense Nuclear Facilities Safety Board, Technical Report 25, Quality Assurance for Safety-Related Software at Department of Energy Defense Nuclear Facilities (Jan. 2000)	3/30/2012
ENT000466	NYS-12C	NUREG/CR-3673, Economic Risks of Nuclear Power Reactor Accidents (Apr. 1984)	3/30/2012
ENT000467	NYS-12C	NUREG/CR-4691, Vol. 1, MELCOR Accident Consequence Code System (MACCS Version 1.4), Volume I, User's Guide (Draft Version) (July 15, 1987) (excerpted)	3/30/2012
ENT000468	NYS-12C	Allonso and Gallego, <i>Cost-Effectiveness Analysis of Countermeasures Using Accident Consequence Assessment Models</i> , 21 Rad. Prot. Dosimetry 151 (1987)	3/30/2012
ENT000469	NYS-12C	Property Shark Blog Center: Average Home Sizes in Washington D.C. and Atlanta Twice As Much as in New York (Jan. 4, 2012), available at <a href="http://www.propertyshark.com/Real-Estate-Reports/2012/01/04/average-home-sizes-in-washington-d-c-atlanta-twice-as-much-as-in-new-york/">http://www.propertyshark.com/Real-Estate-Reports/2012/01/04/average-home-sizes-in-washington-d-c-atlanta-twice-as-much-as-in-new-york/</a>	3/30/2012
ENT000470	NYS-12C	Standards for Defining Metropolitan and Micropolitan Statistical Areas, 65 Fed. Reg. 82,228 (Dec. 27, 2000)	3/30/2012

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ENT000471	NYS-12C	U.S. Census Bureau, New York Census Data: Population and Housing Density, available at <a href="http://www.census-charts.com">http://www.census -charts.com</a>	3/30/2012
ENT000472	NYS-12C	A. Baklanov and J. H. Sørensen, <i>Radionuclide Deposition in Atmospheric Long-Range Transport Modeling</i> , 26 Phys. Chem. Earth 787 (2001)	3/30/2012
ENT000473	NYS-12C	EPA, Technology Evaluation Report 600/R-11/083, Environmental Alternatives, Inc., Rad-Release I and II for Radiological Decontamination (June 2011)	3/30/2012
ENT000474	NYS-12C	EPA, Technology Evaluation Report 600-R-11-014, Empire Abrasive Blast N'Vac for Radiological Decontamination (May 2011)	3/30/2012
ENT000475	NYS-12C	EPA Technology Reference Guide for Radiologically Contaminated Surfaces, EPA-402-R-06-003 (April 2006)	3/30/2012
ENT000476	NYS-12C	Grant Teagarden, Unemployment Duration Calculation (Feb. 2012)	3/30/2012
ENT000477	NYS-12C	NL-08-086, Letter from Fred Dacimo, Entergy, to NRC “Supplemental Reply to Request for Additional Information Regarding License Renewal Application” (May 22, 2008)	3/30/2012
ENT000478	NYS-37	Entergy’s Statement of Position Regarding Contentions NYS-37 (Energy Alternatives)	3/30/2012
ENT000479	NYS-37	Testimony of Entergy Witnesses Donald P. Cleary, David Harrison Jr., and Eugene T. Meehan Regarding Contention NYS-37 (Energy Alternatives)	3/30/2012
ENT000480	NYS-37	<i>Curriculum Vitae</i> of David Harrison, Jr.	3/30/2012

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ENT000481	NYS-37	David Harrison, Jr. & Eugene Meehan, "Potential Energy and Environmental Impacts of Denying Indian Point's License Renewal Applications" (Mar. 2012)	3/30/2012
ENT000482	NYS-37	<i>Curriculum Vitae</i> of Eugene T. Meehan.	3/30/2012
ENT000483	NYS-37	New York Independent System Operator Market Participants User's Guide (May 23, 2011)	3/30/2012
ENT000484	NYS-37	NYISO, 2011 Load & Capacity Data "Gold Book" (Apr. 2011)	3/30/2012
ENT000485	NYS-37	New York State Public Service Commission (NYPSC), Order Authorizing Customer-Sited Tier Program through 2015 and Resolving Geographic Balance and Other Issues Pertaining to the RPS Program, Case 03-E-0188 (Apr. 2, 2010)	3/30/2012
ENT000486	NYS-37	New York State Energy Research and Development Authority, Main Tier Solicitations, Governor Cuomo Announces \$191 Million in Project Awards to Increase Renewable Energy in New York State (June 2, 2011)	3/30/2012
ENT000487	NYS-37	NYSERDA, New York State Renewable Portfolio Standard Performance Report: Program Period December 31, 2010 (May 24, 2011)	3/30/2012
ENT000488	NYS-37	NYPSC, Order Establishing Energy Efficiency Portfolio Standard and Approving Programs, Case 07-M-0548 - Proceeding on Motion of the Commission Regarding an Energy Efficiency Portfolio Standard (June 23, 2008)	3/30/2012
ENTR00489	NYS-37	NYPSC Order Authorizing Efficiency Programs, Revising Incentive Mechanism, and Establishing a Surcharge Schedule. Case 07-M-0548 – Proceeding on Motion of the Commission Regarding an Energy Efficiency Portfolio Standard; Case 07-G-0141 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of National Fuel Gas Distribution Corporation for Gas Service (Oct. 25, 2011)	4/06/2012
ENT000490	NYS-37	U.S. Energy Information Administration, Levelized Cost of New Generation Resources in the Annual Energy Outlook 2011 (Apr. 26, 2011)	3/30/2012



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ENT000491	NYS-37	NYISO Letter, Case 07-M-0548 – Proceeding on Motion of the Commission Regarding an Energy Efficiency Portfolio Standard (Aug. 22, 2011)	3/30/2012
ENT000492	NYS-37	EIA, Assumptions to the Annual Energy Outlook 2011 (July 2011)	3/30/2012
ENT000493	NYS-37	EIA, Annual Energy Outlook 2012 Early Release Overview ( Jan. 2012)	3/30/2012
ENT000494	NYS-37	M. Bernstein and J. Griffin, Regional Differences in the Price-Elasticity of Demand For Energy (RAND Corporation Technical Report 292) (2005)	3/30/2012
ENT000495	NYS-37	Regulatory Impact Analysis for the Federal Implementation Plans to Reduce Interstate Transport of Fine Particulate Matter and Ozone in 27 States (June 2011) (excerpted)	3/30/2012
ENT000496	NYS-37	EPA, Regulatory Impact Analysis for the Final Mercury and Air Toxics Standards (Dec. 2011) (excerpted)	3/30/2012
ENT000497	NYS-37	Federal Energy Regulatory Commission, Electric Power Markets: National Overview (Mar. 2012)	3/30/2012
ENT000498	NYS-37	Interagency Working Group on the Social Costs of Carbon, “Social Cost of Carbon for Regulatory Impact Analysis Under Executive Order 12866” (2011)	3/30/2012
ENT000499	NYS-37	NYSDEC, Revised Draft, Supplemental Generic Environmental Impact Statement on the Oil, Gas and Solution Mining Regulatory Program (Sept. 7, 2011)	3/30/2012
ENT000500	NYS-37	U. Irfan, Bats and Birds Face Serious Threats From Growth of Wind Energy, N. Y. Times (Aug. 8, 2011)	3/30/2012
ENT000501	NYS-37	American Bird Conservancy, Rulemaking Petition to the U.S. Fish & Wildlife Service for Regulating the Impacts of Wind Energy Projects on Migratory Birds (Dec. 14, 2011)	3/30/2012
ENT000502	NYS-37	National Wind Coordinating Collaborative, Wind Turbine Interactions with Birds, Bats, and their Habitats: A Summary of Research Results and Priority Questions (Spring 2010)	3/30/2012

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ENT000503	NYS-37	New York Independent System Operator, Growing Wind, Final Report of the NYISO 2010 Wind Generation Study (Sept. 2010)	3/30/2012
ENT000504	NYS-37	J. Boyles, P.M. Cryan, G.F. McCracken, and T.H. Kunz <i>Economic Importance of Bats to Agriculture</i> , 332 Science 341-342 (Apr. 2011)	3/30/2012
ENT000505	NYS-37	U.S. Government Accountability Office, Wind Power Impacts on Wildlife and Government Responsibilities for Regulating Development and Protecting Wildlife (Sept. 2005)	3/30/2012
ENT000506	NYS-37	T. Zeller Jr., <i>For Those Near, the Miserable Hum of Clean Energy</i> , N.Y. Times (Oct. 5, 2010)	3/30/2012
ENT000507	NYS-37	National Renewable Energy Laboratory, Biopower Technical Assessment: State of the Industry and Technology (2003)	3/30/2012
ENTR00508	NYS-37	Synapse Energy Economics, <i>Hydropower Greenhouse Gas Emissions: State of the Research</i> (Feb. 14, 2012)	4/06/2012
ENT000509	NYS-37	A. Tremblay <i>et al.</i> , <i>Eastmain-1 Net GHG Emissions Project – The Use of Automated Systems to Measure Greenhouse Gas Emissions from Reservoirs</i> (2009)	3/30/2012
ENT000510	NYS-37	Hydro Quebec, Comparing Power Generation Options (Jan. 2003)	3/30/2012
ENT000511	NYS-37	Environmental and Health Impacts of Electricity Generation: A Comparison of the Environmental Impacts of Hydropower with those of Other Generation Technologies. International Energy Agency (June 2002)	3/30/2012
ENT000512	NYS-37	American Bird Conservancy, Power Line Collisions and Electrocutions (2010)	3/30/2012
ENT000513	NYS-37	American Consulting Professionals of New York, PLLC for New York State Department of Environmental Conservation, Draft Environmental Impact Statement for Hounsfield Wind Farm. Town of Hounsfield, Jefferson County, New York (Feb. 27, 2009)	3/30/2012

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ENT000514	NYS-37	Public Service Commission of Wisconsin, Environmental Impacts of Transmission Lines (June 2011)	3/30/2012
ENT000515	NYS-37	Joint Proposal, Case No. 10-T-0139, Application of Champlain Hudson Power Express, Inc. and CHPE Properties, Inc. for a Certificate of Environmental Compatibility and Public Need Pursuant to Article VII of the Public Service Law for the Construction, Operation and Maintenance of a High-Voltage Direct Current Circuit from the Candian Border to New York City (Feb. 24, 2012)	3/30/2012
ENT000516	NYS-37	K. Cort, <i>et al.</i> , Modeling EERE Deployment Programs. Pacific Northwest National Laboratory (Nov. 2007)	3/30/2012
ENT000517	NYS-37	D. Hoppock, D. Echeverri, and E. Gumerman, Determining the Least-Cost Investment for an Existing Coal Plant to Comply with EPA Regulations under Uncertainty, Nicholas Institute for Environmental Policy Solutions, Working Paper (Feb. 2012)	3/30/2012
ENT000518	NYS-37	A. Krupnick <i>et al.</i> , <i>Toward a National Energy Policy: Assessing the Options, Resources for the Future and the National Energy Policy Institute</i> (Nov. 2010)	3/30/2012
ENT000519	NYS-37	NYSDEC Press Release, DEC Proposed Ground-Breaking Power Sector Regulations to Analyze Possible Environmental Impacts and Limit CO2 Emissions from Power Plants (Jan. 18, 2012)	3/30/2012
ENT000520	NYS-38/RK-TC-5	Entergy Statement of Position Regarding Contention NYS-38/RK-TC-5 (Safety Commitments)	8/20/2012
ENT000521	NYS-38/RK-TC-5	Direct Testimony of Entergy Witnesses Nelson F. Azevedo, Robert J. Dolansky, Alan B. Cox, Jack R. Strosnider, Robert E. Nickell, and Mark A. Gray Regarding Contention NYS-38/RK-TC-5 (Safety Commitments)	8/20/2012
ENT000522	NYS-38/RK-TC-5, NYS-25	<i>Curriculum Vitae</i> of Robert J. Dolansky	8/20/2012
ENT000523	NYS-38/RK-TC-5	EPRI, Report No. 1020988, "Steam Generator Management Program: Phase II Divider Plate Cracking Engineering Study" (Nov. 2010) [PROPRIETARY]	8/20/2012

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ENT000524	NYS-38/RK-TC-5	EPRI, Report 1025133, Steam Generator Management Program: Assessment of Channel Head Susceptibility to Primary Water Stress Corrosion Cracking (June 2012) [PROPRIETARY]	8/20/2012
ENT000525	NYS-38/RK-TC-5	NRC Inspection Manual Chapter 2516 (Feb. 18, 2005)	8/20/2012
ENT000526	NYS-38/RK-TC-5	F. D'Annuncci and E. Lecour, ICONE18-29457, Inspection of the Steam Generator Divider Plate (May 2010)	8/20/2012
ENT000527	NYS-38/RK-TC-5	NRC Information Notice 2005-09, Indications in Thermally Treated Alloy 600 Steam Generator Tubes and Tube-to Tubesheet Welds (Apr. 7, 2005)	8/20/2012
ENT000528	NYS-38/RK-TC-5	NUREG-1950, Disposition of Public Comments and Technical Bases for Changes in the License Renewal Guidance Documents NUREG-1801 and NUREG-1800 (Apr. 2011) (excerpted)	8/20/2012
ENTR00529	NYS-38/RK-TC-5	Westinghouse Technical Manual No. TMMC 1440-C350, Vertical Steam Generator Instruction for New York Power Authority - Indian Point Nuclear Plant No. 3 (Dec. 1989) [PROPRIETARY] (excerpted)	8/10/2015
ENT000530	NYS-38/RK-TC-5	EPRI, Report 1014982, 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) [PROPRIETARY]	8/20/2012
ENT000531	NYS-38/RK-TC-5	ASME Code, Sec. XI, Art. IWA-2000 (2001)	8/20/2012
ENT000532	NYS-38/RK-TC-5	ASME Code, Sec. V, Art. 14 (2001)	8/20/2012
ENT000533	NYS-38/RK-TC-5	Memorandum from C. Hunt, NRC to G. Kulesa, NRC, “Summary of the February 16, 2012, Category 2 Public Meeting with the Electric Power Research Institute (EPRI) and Industry to Discuss Steam Generator Issues” (Mar. 15, 2012)	8/20/2012
ENT000534	NYS-38/RK-TC-5	NEI 99-04, Guidelines for Managing NRC Commitment Changes (July 1999)	8/20/2012

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ENT000535	NYS-38/RK-TC-5	NRR Office Instruction, LIC-105, Rev. 3, Managing Regulatory Commitments Made by Licensees to the NRC (Mar. 2009)	8/20/2012
ENT000536	NYS-38/RK-TC-5	NUREG-2101, Safety Evaluation Report Related to the License Renewal of Salem Nuclear Generating Station (June 2011) (excerpted)	8/20/2012
ENT000537	NYS-38/RK-TC-5	NUREG-1961, Safety Evaluation Report Related to the License Renewal of Palo Verde Nuclear Generating Station, Units 1, 2, and 3 (Apr. 2011) (excerpted)	8/20/2012
ENT000538	NYS-38/RK-TC-5	SECY 2000-45, Acceptance of NEI 99-04, "Guidelines for Managing NRC Commitments" (Feb. 22, 2000)	8/20/2012
ENT000539	NYS-38/RK-TC-5	NRC Enforcement Manual, Rev. 7 (Oct. 1, 2010) (excerpted)	8/20/2012
ENT000540	NYS-38/RK-TC-5	Entergy Nuclear Generation Co. (Pilgrim Nuclear Power Station) Docket No. 50-293, Renewed Facility Operating License (May 9, 2012) (excerpted)	8/20/2012
ENT000541	NYS-38/RK-TC-5	EN-LI-110, Commitment Management Program (Jan. 2012)	8/20/2012
ENT000542	NYS-38/RK-TC-5	NRC Regulatory Issue Summary 2000-17, Managing Regulatory Commitments Made by Power Reactor Licensees to the NRC Staff (Sept. 21, 2000)	8/20/2012
ENT000543	NYS-38/RK-TC-5	Inspection Procedure 71002, License Renewal Inspection (Nov. 2011)	8/20/2012
ENT000544	NYS-38/RK-TC-5	Letter from A. Macfarlane, Chairman, NRC, to E. Markey, U.S. Congressman, "Regulatory Commitments" (July 12, 2012)	8/20/2012
ENT000545	NYS-38/RK-TC-5	Memorandum from S. Dingbaum, Assistant Inspector Gen. for Audits, NRC, to R. W. Borchardt, Exec. Dir. for Operations, NRC, "Status of Recommendations: Audit of NRC's Management of Licensee Commitments (OIG-11-A-17)" (Apr. 16, 2012)	8/20/2012
ENT000546	NYS-38/RK-TC-5	NUREG-1958, Safety Evaluation Report Related to the License Renewal of Kewaunee Power Station (Jan. 2011) (excerpted)	8/20/2012

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ENT000547	NYS-38/RK-TC-5	EA-12-051, Order Modifying Licenses With Regard to Reliable Spent Fuel Pool Instrumentation (Effective Immediately) (Mar. 12, 2012)	8/20/2012
ENT000548	NYS-38/RK-TC-5	Letter from R. Braun, Senior Vice President, PSEG Nuclear LLC, to NRC Document Control Desk, "PSEG Nuclear LLC's Response to March 12, 2012 Commission Order Modifying License with Regard to Reliable Spent Fuel Pool Instrumentation" (Mar. 29, 2012)	8/20/2012
ENT000549	NYS-38/RK-TC-5	Letter from R. Conte, NRC, to J. Ventosa, Entergy, "Indian Point Nuclear Generating Unit 2 – NRC Inspection Report 05000247/2012008" (Apr. 19, 2012)	8/20/2012
ENT000550	NYS-38/RK-TC-5, NYS-26B/RK-TC-1B	Letter from A. Cunanan, NRC Project Manager, to S.K. Gambhir, Vice President, Energy Northwest, "Request for Additional Information for the Review of the Columbia Generating Station License Renewal Application for Metal Fatigue" (Feb. 3, 2011)	8/20/2012
ENT000551	NYS-38/RK-TC-5	Letter from B. Harris, NRC Project Manager, to B. Allen, FENOC, "Request for Additional Information for the Review of the Davis-Besse Nuclear Power Station – Batch 3" (May 2, 2011) (excerpted)	8/20/2012
ENT000552	NYS-38/RK-TC-5	Letter from P. Bessette, Morgan Lewis, to Administrative Judges (May 15, 2012)	8/20/2012
ENT000553	NYS-38/RK-TC-5	Entergy, Condition Report LO-LAR-2011-00174, Corrective Actions (Aug. 2011) (excerpted)	8/20/2012
ENT000554	NYS-38/RK-TC-5, NYS-26B/RK-TC-1B	NL-12-089, Letter from F. Dacimo, Entergy, to NRC, "Reply to Request for Additional Information Regarding the License Renewal Application Indian Point Nuclear Generating Unit Nos. 2 & 3" (June 14, 2011)	8/20/2012
ENT000555	NYS-38/RK-TC-5	B. Gordon, Minimum Chromium Content In Nickel-Alloy Weld Overlays to Mitigate PWSCC (Jan. 18, 2005)	8/20/2012
ENT000556	NYS-38/RK-TC-5	F. Delabrouille et al., Effect of the Chromium Content and Strain on the Corrosion of Nickel Based Alloys in Primary Water of Pressurized Water Reactors (2005)	8/20/2012

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ENT000557	NYS-38/RK-TC-5	EPRI, Report 1014986, Pressurized Water Reactor Primary Water Chemistry Guidelines, Rev. 6 (Dec. 2007) [PROPRIETARY] (excerpted)	8/20/2012
ENT000558	NYS-38/RK-TC-5	Letter from J. Daily, Project Manager, NRC, to D. Heacock, President, Dominion Energy Kewaunee, "Request for Additional Information for the Review of the Kewaunee Power Station License Renewal Application" (Mar. 11, 2010)	8/20/2012
ENT000559	NYS-38/RK-TC-5	Letter from B. Brady, Project Manager, NRC, to T. Joyce, President, PSEG Nuclear, "Request for Additional Information for Salem Nuclear Generating Stations Units 1 and 2 License Renewal Application" (June 10, 2010)	8/20/2012
ENT000560	NYS-38/RK-TC-5	Letter from R. Plasse, Project Manager, NRC, to P. Freeman, Site Vice President, NextEra Energy Seabrook, "Request for Additional Information Related to the Review of the Seabrook Station, License Renewal Application" (Dec. 14, 2010)	8/20/2012
ENT000561	NYS-38/RK-TC-5	Kewaunee Tr., Advisory Comm. on Reactor Safeguards, Plant License Renewal Subcomm. (Aug. 18, 2010) (excerpted)	8/20/2012
ENT000562	NYS-38/RK-TC-5	Letter from J. Daily, NRC, to D. Heacock, President, Dominion Energy Kewaunee, Inc., "Request for Additional Information for the Review of the Kewaunee Power Station License Renewal Application (TAC No. MD9408)" (Sept. 10, 2010)	8/20/2012
ENT000563	NYS-38/RK-TC-5	Letter from Said Abdel-Khalik, ACRS Chairman, to Jaczko, NRC Chairman, "Report on the Safety Aspects of the License Renewal Application for the Kewaunee Power Station" (Jan. 7, 2011)	8/20/2012
ENT000564	NYS-38/RK-TC-5	Final License Renewal Interim Staff Guidance, LR-ISG-2011-05, "Ongoing Review of Operating Experience" (Mar. 9, 2012)	8/20/2012
ENT000565	NYS-38/RK-TC-5	Letter from L. Hartz, Vice President, Dominion Energy Kewaunee., to NRC, "Response to Request for Additional Information for the Review of the Kewaunee Power Station License Renewal Application" (Sept. 23, 2010)	8/20/2012
ENT000566	NYS-38/RK-TC-5	Letter from P. Freeman, Site Vice President, NextEra Energy Seabrook, to NRC, "Response to Request for additional Information – Set 10" (Mar. 22, 2011)	8/20/2012

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ENT000567	NYS-38/RK-TC-5	NL-00-043, Letter from J. Baumstark, Consol. Edison Co. of N.Y., to NRC, "Root Cause Evaluation For Steam Generator Tube Rupture Event of February 15, 2000" (Apr. 14, 2000)	8/20/2012
ENT000568	NYS-38/RK-TC-5	EPRI, Report 1019044, Steam Generator Management Program: Improvement Factors for Pressurized Water Reactor Steam Generator Tube Materials (Dec. 2009) [PROPRIETARY] (excerpted)	8/20/2012
ENT000569	NYS-38/RK-TC-5	Letter from E. Shields, Westinghouse, to W. Wittich, Entergy, "Steam Generator Operational Assessment" (June 29, 2010) [PROPRIETARY]	8/20/2012
ENT000570	NYS-38/RK-TC-5	WCAP-17091-NP, Rev. 0, H*, Alternate Repair Criteria for the Tubesheet Expansion Region in Steam Generators with Hydraulically Expanded Tubes (Model 44F) (June 2009) (excerpted)	8/20/2012
ENT000571	NYS-38/RK-TC-5	Safety Evaluation Related to Amendment No. 308 for Oconee Nuclear Station Units 1, 2 and 3 (Dec. 3, 1999)	8/20/2012
ENT000572	NYS-38/RK-TC-5	Letter from A. Cunanan, NRC, to M. Reddemann, Energy Northwest, "Issuance of Renewed Facility Operating License No. NPF-21 for Columbia Generating Station" (May 22, 2012) (ENT000540) (excerpted)	8/20/2012
ENT000573	RK-TC-2	Draft License Renewal Interim Staff Guidance, LR-ISG-2012-01, Wall Thinning Due to Erosion Mechanisms (July 5, 2012)	10/2/2012
ENT000574	Number Not Used		
ENT000575A-J	RK-EC-3/ CW-EC-1	GZA GeoEnvironmental, Inc., Final IPEC Quarterly Long-Term Groundwater Monitoring Report, Quarters One Through Four 2011 (Sept. 26, 2012)	10/2/2012
ENT000576	RK-EC-3/ CW-EC-1	Monitoring Well Sample Data for All Radionuclides, Q2 2012 (Sept. 2012)	10/2/2012



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ENT000577	NYS-5	LO-IP3LO-2012-00134, Underground Piping & Tanks Inspection & Monitoring Program Self Assessment (Sept. 14, 2012)	10/2/2012
ENT000578	NYS-5	EN-DC-343, Underground Piping and Tanks Inspection and Monitoring Program, Rev. 5 (Mar. 30, 2012)	10/2/2012
ENT000579	NYS-5	Structural Integrity Associates, Inc., G-Scan™ Assessment of 8” Condensate Water Storage Tank Return Line CD-183 (Mar. 19, 2009)	10/2/2012
ENT000580	NYS-5	NL-12-123, Correction to Previous Responses Regarding Unit 1 Buried Piping and Unit 2 Auxiliary Feedwater Pump Room Fire Event (Sept. 26, 2012)	10/2/2012
ENT000581	NYS-5	IP-RPT-11-LRD07, Review of the Buried Piping and Tanks Inspection Aging Management Program for License Renewal Implementation (June 2012)	10/2/2012
ENT000582	NYS-5	GZA/Theielsch Engineering Soil Resistivity Data for IP2 & IP3 AFW Bldg, IP2 SW Line 408 (June 2012)	10/2/2012
ENT000583	NYS-6/7	EN-DC-346, Cable Reliability Program Procedures, Rev. 3 (Apr. 30, 2012)	10/2/2012
ENT000584	NYS-6/7	Manhole Preventive Maintenance Frequencies (Sept. 18, 2012)	10/2/2012
ENT000585	NYS-37	NYISO, 2012 Reliability Need Assessment (Sept. 18, 2012)	10/2/2012
ENT000586	NYS-37	New York Energy Highway Task Force, New York Energy Highway FAQ (2012)	10/2/2012
ENT000587	NYS-37	U.S. Energy Information Administration, Assumptions to the Annual Energy Outlook 2012 (Aug. 2012)	10/2/2012

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ENT000588	NYS-37	Synapse Energy Economics, Estimating the Emission Reduction Benefits of Renewable Electricity and Energy Efficiency in North America: Experience and Methods (Sept. 22, 2003)	10/2/2012
ENT000589	NYS-16	MACCS2 Sensitivity Analysis for NYS-16 Using Dr. Sheppard's Proposed Data (Oct. 9, 2012)	10/26/2012
ENT000590	NYS-17	Tolley, Square Root of Distance Regression Using Dr. Sheppard's Assessor Cards Data (Oct. 2012)	10/26/2012
ENT000591	NYS-17	Declaration of Cory Gruntz (Nov. 2012)	11/21/2012
ENT000592	NYS-17	Supplemental Testimony of Entergy Witness George S. Tolley Regarding Contentions NYS-17B (Property Values)	11/21/2012
ENT000593	NYS-17	R. Palmquist, <i>Measuring Environmental Effects on Property Values Without Hedonic Regressions</i> , 11 J. of Urban Econ. 333 (1982)	11/21/2012
ENT000594	NYS-17	RCF, Examples of Errors Remaining in Dr. Sheppard's Assessor Data Set (Nov. 2012)	11/21/2012
ENT000595	NYS-5	Summary of Telephone Conference Call Held on October 11, 2012 Between the U.S. Nuclear Regulatory Commission and Entergy Nuclear Operations, Inc., Concerning the Indian Point Nuclear Generating Unit Nos. 2 and 3, License Renewal Application (Oct. 31, 2012)	12/06/2012
ENT000596	NYS-5	NL-12-149, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Clarification of Underground Piping Information Provided in Letter NL-11-032 Regarding the License Renewal Application Indian Point Nuclear Generating Unit Nos. 2 & 3" (Oct. 18, 2012)	12/06/2012

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT000597	NYS-5	NL-12-174, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Additional Clarification of Underground Piping Information Provided in Letter NL-12-149 Regarding the License Renewal Application Indian Point Nuclear Generating Unit Nos. 2 & 3" (Nov. 29, 2012)	12/06/2012
ENT000598	NYS-5	CEP-UPT-0100, Underground Piping and Tanks Inspection and Monitoring Entergy Nuclear Engineering Programs, Rev. 1 (Nov. 30, 2012)	12/06/2012
ENT000599	NYS-5	EN-DC-343, Underground Piping and Tanks Inspection and Monitoring Program, Rev. 6 (Nov. 30, 2012)	12/06/2012
ENT000600	NYS-5	EN-EP-S-002-MULTI, Underground Piping and Tanks General Visual Inspection, Rev. 1 (Nov. 30, 2012)	12/06/2012
ENT000601	NYS-5	NEI 09-14, Rev. 2, Guideline for the Management of Buried Piping and Tank Integrity (Nov. 2012)	12/06/2012
ENT000602	NYS-5, NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, RK-TC-2, NYS-38/RK-TC-5	EN-LI-100, Rev. 12, Process Applicability Determination (Nov. 6, 2012)	1/11/2013
ENT000603	NYS-5, NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, RK-TC-2, NYS-38/RK-TC-5	EN-LI-101, Rev. 9, 10 CFR 50.59 Evaluations (Feb. 16, 2012)	1/11/2013

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ENT000604	NYS-5, NYS-6/7, NYS-25, NYS-26B/RK-TC-1B, RK-TC-2, NYS-38/RK-TC-5	Indian Point Nuclear Generating Units 2 and 3, NRC Evaluation of Changes, Tests or Experiments and Permanent Plant Modifications Team Inspection Report (Jan. 13, 2012)	1/11/2013
ENT000605	NYS-5	GEL, Laboratory Soil Analysis of IP2 Service Water and IP3 CST Soils (June 9, 2012)	1/11/2013
ENT000606	NYS-5	Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Revision to the Response to Request for Additional Information (RAI) Aging Management Programs" (Mar. 5, 2013)	3/20/2013
ENT000607	NYS-5	Joint Declaration of Nelson Azevedo, Alan Cox, and Ted Ivy Concerning Entergy Letter NL-13-037 and Related Updates to Entergy's Testimony on Contention NYS-5 (Buried Piping) (Mar. 20, 2013)	3/20/2013
ENT000608	NYS-16B	NL-13-075, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "License Renewal Application – Completed Engineering Project Cost Estimates for SAMAs Previously Identified as Potentially Cost-Beneficial" (May 6, 2013)	6/20/2013
ENT000609	NYS-5	IP2-UT-12-030, Inspection of Service Water Line 463, Fire Protection and City Water Line 1502 Piping (Aug. 29, 2012)	7/22/2013
ENT000610	NYS-5	IP2-UT-13-006, Inspection of City Water 2-inch Line 1511 and 8-inch Line 1502 (Jan. 17, 2013)	7/22/2013
ENT000611	NYS-5	Underground Piping and Tanks General Visual Inspection, 6-inch Fire Protection Line (June 7, 2013)	7/22/2013

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ENT000612	NYS-5	Underground Piping and Tanks General Visual Inspection, 8-inch Fire Protection Line (June 7, 2013)	7/22/2013
ENT000613	NYS-5	Underground Piping and Tanks General Visual Inspection, 3-SI-161-3, 3-SI-161-4/3-inch Safety Injection Line 161 (June 7, 2013)	7/22/2013
ENT000614	NYS-5	NL-13-093, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Correction to a Previous Response Regarding the Unit 2 Auxiliary Feedwater Pump Room Fire Event" (July 15, 2013)	7/22/2013
ENT000615	NYS-25	Entergy's Statement of Position Regarding Contention NYS-25 (Embrittlement) (Aug. 10, 2015)	8/10/2015
ENT000616	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Testimony of Entergy Witnesses Nelson F. Azevedo, Robert J. Dolansky, Alan B. Cox, Jack R. Strosnider, Timothy J. Griesbach, Randy G. Lott, and Mark A. Gray Regarding Contention NYS-25 (Embrittlement) (Aug. 10, 2015)	8/10/2015
ENT000617	NYS-25, NYS-38/RK-TC-5	<i>Curriculum Vitae</i> of Timothy J. Griesbach	8/10/2015
ENT000618	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	<i>Curriculum Vitae</i> of Randy G. Lott	8/10/2015
ENT000619	NYS-25	NL-08-127, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Additional Information Regarding License Renewal Application – Structural OE Clarifications, Clarifications for Electrical RAIs and Audit Questions, License Renewal Application Amendment" (Aug. 14, 2008)	8/10/2015

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ENT000620	NYS-25, NYS-38/RK-TC-5	PWROG Presentation, “Material Orientation Toughness Assessment (MOTA) for the Purpose of Mitigating Branch Technical Position (BTP) 5-3 Uncertainties” (Feb. 19, 2015)	8/10/2015
ENT000621	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-17894-NP, Rev. 0, Component Inspection Details Supporting Aging Management of Reactor Internals at Indian Point Unit 2 (Sept. 2014)	8/10/2015
ENT000622	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-17901-NP, Rev. 1, Component Inspection Details Supporting Aging Management of Reactor Internals at Indian Point Unit 3 (Sept. 2014)	8/10/2015
ENT000623	NYS-25, NYS-38/RK-TC-5	Cases of ASME Boiler and Pressure Vessel Code, Case N-729-1, “Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds,” (Section XI, Division 1) (Mar. 28, 2006) [Full-Text Copyright]	8/10/2015
ENT000624	NYS-25, NYS-38/RK-TC-5	Letter from N. Salgado to Vice President, Operations, Entergy Nuclear Operations, Inc., “Indian Point Nuclear Generating Unit No. 2 – Relief from the Examination Area for Reactor Vessel Head Penetration Nozzles (TAC No. ME1658)” (Mar. 1, 2010)	8/10/2015
ENT000625	NYS-25, NYS-38/RK-TC-5	Letter from N. Salgado to Vice President, Operations, Entergy Nuclear Operations, Inc., “Indian Point Nuclear Generating Unit No. 3 – Relief Requests RR-3-45 and RR-3-46 for Reactor Vessel Head Penetrations Examination (TAC Nos. ME0411 and ME0412)” (July 8, 2009)	8/10/2015
ENT000626	NYS-25, NYS-38/RK-TC-5	Letter from P. Milano, NRC, to M. Kansler, Entergy, “Bulletin 2002-01, ‘Reactor Pressure Vessel Head Degradation and Reactor Coolant Pressure Boundary Integrity,’ 15-Day Response for Indian Pont Nuclear Generating Unit Nos. 2 & 3 (TAC Nos. MB4550 and MB4551)” (Nov. 12, 2002) (ENT-25-0026)	8/10/2015

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ENT000627	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	G. Was, Fundamentals of Radiation Materials Science: Metals and Alloys; Part III: Mechanical Effects of Radiation Damage (2007) [Full-Text Copyright] [excerpt]	8/10/2015
ENT000628	NYS-25, NYS-38/RK-TC-5	I. Tylek and K. Kuchta, Mechanical Properties of Structural Stainless Steels, 4-B Technical Transactions, Civil Engineering 59 (2014) [Full-Text Copyright]	8/10/2015
ENT000629	NYS-25, NYS-38/RK-TC-5	Letter from C. Grimes, NRC, to D. Walters, NEI, "License Renewal Issue No. 98-0030, 'Thermal Aging Embrittlement of Cast Austenitic Stainless Steel Components'" (May 19, 2000)	8/10/2015
ENT000630	NYS-25, NYS-38/RK-TC-5	W.J. Mills, Effect of Temperature on the Fracture Toughness Behavior of Inconel X-750, in ASTM STP 733: Fractography and Materials Science 98 (L.N. Gilbertson and R.D. Zipp, eds., 1981) [Full-Text Copyright]	8/10/2015
ENT000631	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, MRP-175, Materials Reliability Program: PWR Internals Material Aging Degradation Mechanism Screening and Threshold Values (Dec. 2005) [Full-Text Copyright]	8/10/2015
ENT000632	NYS-25, NYS-38/RK-TC-5	ASME Boiler & Pressure Vessel Code, Section III, Article NB-2000, "Material" (1998) [Full-Text Copyright]	8/10/2015
ENT000633	NYS-25, NYS-38/RK-TC-5	Letter from P. Anderson, Entergy, to NRC Document Control Desk, "Documentation for Pressurized Thermal Shock Evaluation Meeting" (June 2, 2010)	8/10/2015
ENT000634	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, IP2, FSAR Update, Revision 25 (2014) [excerpts]	8/10/2015

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ENT000635	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-17096-NP, Rev. 2, Reactor Internals Acceptance Criteria Methodology and Data Requirements (Dec. 2009)	8/10/2015
ENT000636	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	P. Shahinian et al., NRL Report 7446, Effect of Neutron Irradiation on Fatigue Crack Propagation in Types 304 and 316 Stainless Steels at High Temperature (July 21, 1972)	8/10/2015
ENT000637	NYS-25, NYS-38/RK-TC-5	NUREG-1874, Recommended Screening Limits for Pressurized Thermal Shock (PTS) (March 2010)	8/10/2015
ENT00638A-C	NYS-25, NYS-38/RK-TC-5	NUREG-1806, Vol. 1, Technical Basis for Revision of the Pressurized Thermal Shock (PTS) Screening Limit in the PTS Rule (10 CFR 50.61) (Aug. 2007)	8/10/2015
ENT00639A-F	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-16156, Indian Point Nuclear Generating Unit No. 2, Stretch Power Uprate NSSS Engineering Report (Mar. 2004) [PROPRIETARY]	8/10/2015
ENT00640A-I	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-16211, Power Uprate Project, Indian Point Unit 3 Power Plant, NSSS Engineering Report (June 2004) [PROPRIETARY]	8/10/2015
ENT000641	NYS-25, NYS-38/RK-TC-5	Final License Renewal Interim Staff Guidance LR-ISG-2011-04, Updated Aging Management Criteria for Reactor Vessel Internal Components for Pressurized Water Reactors (May 28, 2013)	8/10/2015
ENT00642A-C	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-232, Materials Reliability Program: Aging Management Strategies for Westinghouse and Combustion Engineering PWR Internals (Dec. 2008) [Full-Text Copyright]	8/10/2015



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ENT000643	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-232, Revision 1, Materials Reliability Program: Aging Management Strategies for Westinghouse and Combustion Engineering PWR Internals (Dec. 2008) [Full-Text Copyright]	8/10/2015
ENT000644	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-230, Materials Reliability Program: Functionality Analysis for Westinghouse and Combustion Engineering Representative PWR Internals (Oct. 2009) [Full-Text Copyright]	8/10/2015
ENT000645	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-228, Rev. 1, Materials Reliability Program: Inspection Standard for PWR Internals – 2012 Update (Dec. 2012) [Full-Text Copyright]	8/10/2015
ENT000646	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, MRP-210, Materials Reliability Program: Fracture Toughness Evaluation of Highly Irradiated PWR Stainless Steel Internal Components (Dec. 2007) [Full-Text Copyright]	8/10/2015
ENT000647	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-134, Materials Reliability Program: Framework and Strategies for Managing Aging Effects in PWR Internals (June 2005) [Full-Text Copyright]	8/10/2015
ENT000648	NYS-25, NYS-38/RK-TC-5	M. Mitchell, Chief, Vessels and Internals Integrity Branch, Response to Non-Concurrence Regarding Safety Evaluation for Topical Report MRP-227, “Pressurized Water Reactor Internals Inspection and Evaluation Guidelines” (undated)	8/10/2015
ENT000649	NYS-25, NYS-38/RK-TC-5	Letter from D. Pelton, NRC, to E. McCartney, NextEra Energy Point Beach, “Point Beach Nuclear Plant, Units 1 and 2 – Staff Assessment of Reactor Vessel Internals Inspection Plan Based on MRP-227-A (TAC Nos. ME8235 and ME8236)” (Mar. 30, 2015)	8/10/2015
ENT000650	NYS-25, NYS-38/RK-TC-5	G. Gardner, Chair, EPRI Reactor Internals Working Group, Recent Materials Inspections of PWR Reactor Internals (Mar. 2015)	8/10/2015

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ENT000651	NYS-25, NYS-38/RK-TC-5	T. Griesbach and B. Gordon, Materials Aging Management Programs at Nuclear Power Plants in the United States (Oct. 2007) [Full-Text Copyright]	8/10/2015
ENT000652	NYS-25, NYS-38/RK-TC-5	Letter from P. Milano, NRR, to M. Kansler, Entergy, "Indian Point Nuclear Generating Unit No. 2 - Issuance of Amendment Re: 3.26 Percent Power Uprate (TAC No. MC1865)" (Oct. 27, 2004)	8/10/2015
ENT000653	NYS-25, NYS-38/RK-TC-5	Letter from P. Milano, NRR, to M. Kansler, Entergy, "Indian Point Nuclear Generating Unit No. 3 - Issuance of Amendment Re: 4.85 Percent Stretch Power Uprate and Relocation of Cycle-Specific Parameters (TAC No. MC3552)" (Mar. 24, 2005)	8/10/2015
ENT000654	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-15270, Determination of Acceptable Baffle-Barrel-Bolting for Four-Loop Westinghouse Downflow and Converted Upflow Domestic Plants (Nov. 2001) [PROPRIETARY]	8/10/2015
ENT000655	NYS-25, NYS-38/RK-TC-5	Westinghouse, WCAP-15030-NP-A, Westinghouse Methodology for Evaluating the Acceptability of Baffle-Former-Barrel Bolting Distributions under Faulted Load Conditions (Mar. 2, 1999)	8/10/2015
ENT000656	NYS-25, NYS-38/RK-TC-5	Westinghouse, Technical Bulletin TB-14-5, Reactor Internals Lower Radial Support Clevis Insert Cap Screw Degradation (Aug. 25, 2014)	8/10/2015
ENT000657	NYS-25, NYS-38/RK-TC-5	NRC Inspection Manual, Manual Chapter 2516, Policy and Guidance for the License Renewal Inspection Program ("LRIP") (Aug. 13, 2013)	8/10/2015
ENT000658	NYS-25, NYS-38/RK-TC-5	J. Smith, Irradiated Materials Testing, Inside MRP (Winter 2012)	8/10/2015

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ENT000659	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Letter from R. Kuntz, NRC, to Vice President, Operations, Entergy, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Nos. 2 and 3, License Renewal Application" (May 15, 2012)	8/10/2015
ENT000660	NYS-25, NYS-38/RK-TC-5	Letter from J. Daly, NRC, to Vice President, Operations, Entergy, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Nos. 2 and 3 License Renewal Application, Set 2013-01 (TAC Nos. MD5407 and MD5408)" (Feb. 6, 2013)	8/10/2015
ENT000661	NYS-25, NYS-38/RK-TC-5	Letter from K. Green, NRC, to Vice President, Operations, Entergy, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Nos. 2 and 3 License Renewal Application, Set 2013-04 (TAC Nos. MD5407 and MD5408)" (July 26, 2013)	8/10/2015
ENT000662	NYS-25, NYS-38/RK-TC-5	Letter from K. Green, NRC, to Vice President, Operations, Entergy, "Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Nos. 2 and 3 License Renewal Application, Set 2014-02 (TAC Nos. MD5407 and MD5408)" (Apr. 9, 2014)	8/10/2015
ENT000663	NYS-25, NYS-38/RK-TC-5	Letter from A. McGehee & T. Hanley, EPRI, to NRC Document Control Desk, BWRVIP 2015-025, "Project No. 704 – Summary of Industry Position on Screening Criteria for Thermal and Irradiation Embrittlement for PWR and BWR Reactor Internals Fabricated of Cast Austenitic Stainless Steel" (Mar. 9, 2015)	8/10/2015
ENT000664	NYS-25, NYS-38/RK-TC-5	Email from J. Holonich, NRC, to K. Amberge, EPRI, et al., "Summary Tables for CASS Position" (Mar. 12, 2014, 1:23 PM)	8/10/2015

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ENT000665	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	ASME Boiler & Pressure Vessel Code, Section XI, Subsection IWB, "Requirements for Class 1 Components of Light-Water Cooled Plants" (2010) [Full-Text Copyright]	8/10/2015
ENT00666A-I	NYS-25, NYS-38/RK-TC-5	NUREG/CR-6943, A Study of Remote Visual Methods to Detect Cracking in Reactor Components (Oct. 2007)	8/10/2015
ENT000667	NYS-25, NYS-38/RK-TC-5	PWROG-14048-P, Rev. 0-A, PWROG, Functionality Analysis: Lower Support Columns (Oct. 2014) [PROPRIETARY]	8/10/2015
ENT000668	NYS-25, NYS-38/RK-TC-5	EPRI, MRP-219, Rev. 10, Materials Reliability Program: Inspection Data Survey Report (Nov. 2014) [Full-Text Copyright]	8/10/2015
ENT000669	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Regulatory Guide 1.99, Radiation Embrittlement of Reactor Vessel Materials, Revision 2 (May 1988)	8/10/2015
ENT000670	NYS-25	NL-13-106, Letter from J. Ventosa, Entergy, to NRC Document Control Desk, "Proposed Revision to Reactor Vessel Surveillance Capsule Withdrawal Schedule Per 10 CFR 50 Appendix H" (Aug. 12, 2013)	8/10/2015
ENT000671	NYS-25	NL-14-129, Letter from J. Ventosa, Entergy, to NRC Document Control Desk, "Proposed Revision to Reactor Vessel Surveillance Capsule Withdrawal Schedule Per 10 CFR 50 Appendix H" (Nov. 5, 2014)	8/10/2015
ENT000672	NYS-25	Letter from B. Beasley, NRC, to Vice President, Operations, "Indian Point Nuclear Generating Unit No. 2 – Safety Evaluation re: Revision to the Reactor Vessel Surveillance Capsule Withdrawal Schedule per 10 CFR 50 Appendix H (TAC No. MF2558)" (Jan. 14, 2014)	8/10/2015

<b>Entergy Exhibit #</b>	<b>Contentions Addressed by Exhibit</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
ENT000673	NYS-25	Letter from B. Beasley, NRC, to Vice President, Operations, "Indian Point Nuclear Generating Unit No. 3 – Safety Evaluation re: Revision to the Reactor Vessel Surveillance Capsule Withdrawal Schedule per 10 CFR 50 Appendix H (TAC No. MF5148)" (Mar. 4, 2015)	8/10/2015
ENT000674	NYS-25	NL-08-014, Letter from Fred R. Dacimo, Entergy, to NRC Document Control Desk, "Clarifications to Reactor Vessel Surveillance Program and Neutron Embrittlement Time-Limited Aging Analyses and Audit Item #105; and Revision to License Renewal Regulatory Commitment List" (Jan. 17, 2008)	8/10/2015
ENT000675	NYS-25	Letter from M. Hodges, NRC, to W. Rasin, Nuclear Management and Resources Council, "Safety Assessment of Report WCAP-13587, Revision 1, 'Reactor Vessel Upper Shelf Energy Bounding Evaluation for Westinghouse Pressurized Water Reactors,' September 1993" (Apr. 21, 1994)	8/10/2015
ENT000676	NYS-25	NUREG-1785, Safety Evaluation Report Related to the License Renewal of H.B. Robinson Steam Electric Plant, Unit 2 (Mar. 2004)	8/10/2015
ENT000677	NYS-25	NL-07-140, Letter from F. Dacimo, Entergy, to NRC Document Control Desk, "Reply to Request for Additional Information Regarding License Renewal Application" (Nov. 28, 2007)	8/10/2015
ENT000678	NYS-26B/RK-TC-1B	Entergy's Revised Statement of Position Regarding Contention NYS-26B/RK-TC-1B (Metal Fatigue) (Aug. 10, 2015)	8/10/2015
ENT000679	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Revised Testimony of Entergy Witnesses Nelson F. Azevedo, Alan B. Cox, Jack R. Strosnider, Randy G. Lott, Mark A. Gray, and Barry M. Gordon Regarding Contention NYS-26B/RK-TC-1B (Metal Fatigue) (Aug. 10, 2015)	8/10/2015

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ENT000680	NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	<i>Curriculum Vitae</i> of Barry M. Gordon	8/10/2015
ENT000681	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17199-P, Rev. 1, Environmental Fatigue Evaluation for Indian Point Unit 2, (Dec. 2014) [PROPRIETARY]	8/10/2015
ENT000682	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-17200-P, Rev. 1, Environmental Fatigue Evaluation for Indian Point Unit 3, (Dec. 2014) [PROPRIETARY]	8/10/2015
ENT000683	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Calculation Note CN-PAFM-13-32, Rev. 3 “Indian Point Unit 2 (IP2) and Unit 3 (IP3) Refined EAF Analyses and EAF Screening Evaluations” (June 25, 2015) [PROPRIETARY]	8/10/2015
ENT000684	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Cases of ASME Boiler and Pressure Vessel, Code Case N-779, “Alternative Rules for Simplified Elastic-Plastic Analysis, Class 1” (Section III, Division 1) (Jan. 26, 2009) [Full-Text Copyright]	8/10/2015
ENT000685	Number Not Used		
ENT00686A-C	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WESTEMSTM User Manual, Volume 2: Design Analysis, Rev. 6 (Mar. 2015) [PROPRIETARY]	8/10/2015

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ENT000687	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	NRC, Safety Evaluation Report, "Topical Report on ASME Section III Piping and Component Fatigue Analysis Utilizing the WESTEMS™ Computer Code" (WCAP-17577, Revision 2) (undated)	8/10/2015
ENT000688	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Calculation Note CN-PAFM-13-40, Rev. 1, "Indian Point Unit 2 and Unit 3 Pressurizer Spray Nozzle Transfer Function Database Development and Environmental Fatigue Evaluations" (Jan. 15, 2015) [PROPRIETARY]	8/10/2015
ENT000689	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-12191, Rev. 4, Transient and Fatigue Cycle Monitoring Program Transient History Evaluation Report for Indian Point Unit 2 (Dec. 2014) [PROPRIETARY]	8/10/2015
ENT000690	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-16898-P, Rev. 1, Indian Point Unit 3 Transient and Fatigue Cycle Monitoring Program Transient History Evaluation (May 2015) [PROPRIETARY]	8/10/2015
ENT000691	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	EPRI, BWRVIP-187, BWR Vessel and Internals Project: Controlling Intergranular Stress Corrosion Cracking During a BWR Startup-Addition of Hydrazine or Carbohydrazide (Mar. 2008) [PROPRIETARY]	8/10/2015
ENT000692	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, 0-CY-2310, Rev. 24, Reactor Coolant System Specification and Frequencies (Jan. 16, 2015)	8/10/2015

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ENT000693	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	IPEC, Unit 3 Chemistry Data (Mar. 21-22, 2015)	8/10/2015
ENT000694	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Z. Szklarska-Smialowska et al., Mechanism of Crack Growth in Alloy 600 in High-Temperature Deaerated Water, 50 Corrosion 676 (Sept. 1994) [Full-Text Copyright]	8/10/2015
ENT000695	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Letter from J. Trapp, NRC, to J. Ventosa, Entergy, "Indian Point Nuclear Generating Unit 2 – NRC License Renewal Team Inspection Report 05000247/2013010" (Sept. 19, 2013)	8/10/2015
ENT000696	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Calculation Note CN-SGDA-02-214, "4.7% Uprate Structural Evaluation of Primary and Secondary side Components for Indian Point Unit 2 (44F), 10% Plugging" (June 12, 2003) [PROPRIETARY]	8/10/2015
ENT000697	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, Visual Examination of Reactor Vessel and Internals (VT-3), Summary No. 206913-RVVINT for IP2 (Mar. 10, 2014), and Summary No. 1-1200-VESS. INT. for IP3 (Mar. 13, 2015)	8/10/2015
ENT000698	NYS-38/RK-TC-5	Entergy's Revised Statement of Position Regarding Contention NYS-38/RK-TC-5 (Safety Commitments) (Aug. 10, 2015)	8/10/2015



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ENT000699	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Revised Testimony of Entergy Witnesses Nelson F. Azevedo, Robert J. Dolansky, Alan B. Cox, Jack R. Strosnider, Timothy J. Griesbach, Barry M. Gordon, Randy G. Lott, and Mark A. Gray Regarding Contention NYS-38/RK-TC-5 (Safety Commitments) (Aug. 10, 2015)	8/10/2015
ENT000700	NYS-38/RK-TC-5	State of New York, Riverkeeper, Inc., Nuclear Regulatory Commission Staff, and Entergy Nuclear Operations, Inc., Joint Stipulation Regarding State of New York Pre-Filed Testimony for Contention NYS-38/RK-TC-5 (Safety Commitments) (June 23, 2015)	8/10/2015
ENT000701	NYS-38/RK-TC-5	Letter from A. Burritt, NRC, to L. Coyle, Entergy, "Annual Assessment Letter for Indian Point Nuclear Generating Units 2 and 3 (Report 05000247/2014001 and 05000286/2014001)" (Mar. 4, 2015)	8/10/2015
ENT000702	Number Not Used		
ENT000703	NYS-38/RK-TC-5	NRC Inspection Manual, Inspection Procedure 71003, Post-Approval Site Inspection for License Renewal (Feb. 25, 2013)	8/10/2015
ENT000704	NYS-38/RK-TC-5	NRC Inspection Manual, Inspection Procedure 71013, Site Inspection for Plants with a Timely Renewal Application (Sept. 25, 2013)	8/10/2015
ENT000705	NYS-38/RK-TC-5	NRR Office Instruction, LIC-105, Revision 5, Managing Regulatory Commitments Made by Licensees to the NRC (Sept. 16, 2013)	8/10/2015
ENT000706	NYS-38/RK-TC-5	NRC Enforcement Manual, Rev. 9 (Sept. 9, 2013)	8/10/2015
ENT000707	NYS-38/RK-TC-5	Memorandum from S. Dingbaum, Assistant Inspector Gen. for Audits, NRC, to M. Satorius, Exec. Dir. for Operations, NRC, "Status of Recommendations: Audit of NRC's Management of Licensee Commitments (OIG-11-A-17)" (Nov. 25, 2013)	8/10/2015

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ENT000708	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, Commitment Closure Verification Form, LRC # 43 (Aug. 27, 2013)	8/10/2015
ENT000709	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, Commitment Closure Verification Form, LRC # 49 (Aug. 27, 2013)	8/10/2015
ENT000710	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Entergy, Commitment Closure Verification Form, LRC # 44 (June 19, 2013)	8/10/2015
ENT000711	NYS-38/RK-TC-5	H. Kawamura et al., Paper No. 141, The Effect of Zinc Addition to Simulated PWR Primary Water on the PWSCC Resistance, Crack Growth Rate and Surface Oxide Film Characteristics of Prefilmed Alloy 600 (Corrosion 98, 1998) [Full-Text Copyright]	8/10/2015
ENT000712	NYS-38/RK-TC-5	P.L. Andresen et al., Effects of Hydrogen on Stress Corrosion Crack Growth Rate of Nickel Alloys in High-Temperature Water, 64 Corrosion 707 (Sept. 2008) [Full-Text Copyright]	8/10/2015
ENT000713	NYS-38/RK-TC-5	B. Gordon, Corrosion and Corrosion Control in Light Water Reactors, 65 Journal of Metals 1043 (Aug. 2013) [Full-Text Copyright]	8/10/2015
ENT00714A-B	NYS-38/RK-TC-5	H. Cothron et al., EPRI, Slides: NRC/Industry Meeting Regarding Tube-to-Tubesheet Weld and Divider Plate Cracking Report (July 30, 2015)	8/10/2015
ENT000715	NYS-38/RK-TC-5	NRC, Notice of Meeting with Industry on Divider Plate and Tube-to-Tubesheet Weld (July 1, 2015)	8/10/2015

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ENT000716	NYS-38/RK-TC-5	EPRI, Final Report No. 3002000473, Steam Generator Channel Head Degradation Failure Modes and Effects Analysis (Apr. 2013) [Full-Text Copyright]	8/10/2015
ENT000717	NYS-38/RK-TC-5	Entergy Procedure SEP-SG-IP3-001, IP3 Steam Generator Program, Revision 1 (May 21, 2014)	8/10/2015
ENT000718	NYS-38/RK-TC-5	Westinghouse, Technical Manual No. TM 1440-C348, Vertical Steam Generator Instructions for Consolidated Edison Company of New York, Indian Point Station – Unit 2 (2001) [PROPRIETARY] (excerpt)	8/10/2015
ENT000719	NYS-38/RK-TC-5	T. Couvant et al., Paper Reference No. A004T04, PWSCC of Steam Generator Divider Plates in Alloy 600: Coupling Field Characterizations with R&D Studies (Fontevraud 7, Sept. 26-30, 2010) [Full-Text Copyright]	8/10/2015
ENT000720	NYS-38/RK-TC-5	M. Boccanfuso, et al., Paper Reference No. A165-T06, Steam Generator Mechanical Plug Failure: A Tribologic Problem (Fontevraud 7, Sept. 26-30, 2010) [Full-Text Copyright]	8/10/2015
ENT000721	NYS-38/RK-TC-5	EPRI, MRP-55, Rev. 1, Materials Reliability Program: Crack Growth Rates for Evaluating Primary Water Stress Corrosion Cracking (PWSCC) of Thick-Wall Alloy 600 Materials (Nov. 2002) [Full-Text Copyright]	8/10/2015
ENT000722	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Supplemental Testimony of Entergy Witnesses Nelson F. Azevedo, Timothy J. Griesbach, and Randy G. Lott Regarding Contention NYS-25 (Reactor Vessel Internals AMP), NYS-26B/RK-TC-1B (Metal Fatigue), and NYS-38/RK-TC-5 (Safety Commitments) (Oct. 29, 2015)	10/29/2015
ENT000723	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	D.J. Gavenda et al., NUREG/CR-6428, “Effects of Thermal Aging on Fracture Toughness and Charpy-Impact Strengths of Stainless Steel Pipe Welds” (May 1996)	10/29/2015

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ENT000724	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, Calculation Note CN-RIDA-13-48, Rev. 0 "Indian Point Units 2 and 3 Reactor Internals Lower Support Column Bodies Thermal Embrittlement and Irradiation Embrittlement Screening Assessment" (Oct. 15, 2013) [PROPRIETARY]	10/29/2015
ENT000725	NYS-25, NYS-26B/RK-TC-1B, NYS-38/RK-TC-5	Westinghouse, WCAP-14574-A, License Renewal Evaluation: Aging Management Evaluation for Pressurizers (Dec. 2000)	10/29/2015

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