

**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**

**NRC Staff Hearing Exhibits**

| <b>Exhibit #</b> | <b>Contention Addressed by Exhibit</b> | <b>Exhibit Name</b>  | <b>Exhibit Submission Date</b> |
|------------------|--|--|--------------------------------|
| <u>NRCR11001</u> | ALL                                    | NRC Staff Pre-filed Hearing Exhibit List ( <b>REVISED</b> )  | 03/18/2016                     |
| NRC000002        | ALL                                    | NUREG-1437, Volumes 1-2: Generic Environmental Impact Statement for License Renewal of Nuclear Plants (May 1996) ("GEIS")<br><br>(Incorporates Exhibit <b>NYS000131A-I</b> submitted by the State of New York ("New York"))  | 03/31/2012                     |
| NRC000003        | ALL                                    | NUREG-1437, Volumes 1-2: Supplement 38: Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Regarding Indian Point Nuclear Generating Unit Nos. 2 and 3 – Draft Report for Comment (December 2008) ("DSEIS")<br><br>(Incorporates New York Exhibit <b>NYS000132A-D</b> ) | 03/31/2012                     |
| NRC000004        | ALL                                    | NUREG-1437, Volumes 1-3: Supplement 38: Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Regarding Indian Point Nuclear Generating Unit Nos. 2 and 3 – Final Report (December 2010) ("FSEIS")<br><br>(Incorporates New York Exhibit <b>NYS000133A-J</b> )             | 03/31/2012                     |

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| NRC000005        | ALL                                    | NUREG-1930, Volumes 1-2: Safety Evaluation Report – Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3 (November 2009) (“SER”)<br><br>(Incorporates New York Exhibit <b>NYS000326A-F</b> )  | 03/31/2012                     |
| NRC000006        | ALL                                    | NUREG-1930, Supplement 1: Safety Evaluation Report – Related to the License Renewal of Indian Point Nuclear Generating Unit Nos. 2 and 3 (August 2011) (“SER Supplement 1”)<br><br>(Incorporates New York Exhibit <b>NYS000160</b> )   | 03/31/2012                     |
| NRC000007        | ALL                                    | Letter from Advisory Committee on Reactor Safeguards (“ACRS”) Chairman Mario Bonaca (ACRS) to Chairman Jaczko (NRC), “Report on the Safety Aspects of the License Renewal Application for the Indian Point Nuclear Generating Unit Nos. 2 and 3” (Sept. 23, 2009) (“ACRS Letter”)<br><br>(Incorporates New York Exhibit <b>NYS000325</b> ) | 03/31/2012                     |
| NRC000008        | ALL                                    | NUREG-1801, Rev. 1: Generic Aging Lessons Learned (GALL) Report, Volumes 1-2 (September 2005) (“GALL Report, Rev. 1”)<br><br>(Incorporates New York Exhibit <b>NYS000146A-C</b> )  | 03/31/2012                     |

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| NRC000009        | ALL                                    | NUREG-1801, Rev. 2: Generic Aging Lessons Learned (GALL) Final Report (December 2010) ("GALL Report, Rev. 2")<br><br>(Incorporates New York Exhibit <b>NYS000147A-D</b> )   | 03/31/2012                     |
| NRC000010        | ALL                                    | NUREG-1800, Rev. 1: Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants (September 2005) ("SRP-LR")<br><br>(Incorporates New York Exhibit <b>NYS000195</b> )                                     | 03/31/2012                     |
| NRC000011        | ALL                                    | NUREG-1555: Standard Review Plans for Environmental Reviews for Nuclear Power Plants (October 1999) ("ESRP")<br><br>(Incorporates New York Exhibit <b>NYS00019A</b> )   | 03/31/2012                     |
| NRC000012        | ALL                                    | NUREG-1555, Supplement 1: Standard Review Plans for Environmental Reviews for Nuclear Power Plants – Supplement 1: Operating License Renewal (October 1999) ("ESRP Supp. 1")<br><br>(Incorporates New York Exhibit <b>NYS00019B</b> ) | 03/31/2012                     |

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| NRC000013 | ALL                             | NRC Regulatory Guide 4.2, Rev. 2: Preparation of Environmental Reports for Nuclear Power Stations (July 1976) ("RG 4.2")<br><br>(Incorporates Exhibit <b>ENT000023</b> submitted by Entergy Nuclear Operations, Inc. ("Entergy"))                       | 03/31/2012              |
| NRC000014 | ALL                             | NRC Regulatory Guide 4.2, Supplement 1: Preparation of Supplemental Environmental Reports for Applications To Renew Nuclear Power Plant Operating Licenses (September 2000) ("RG 4.2, Supp. 1")<br><br>(Incorporates Entergy Exhibit <b>ENT000136</b> ) | 03/31/2012              |
| NRCR00015 | NYS-5                           | NRC Staff's Statement of Position Concerning Contention NYS-5 (Buried Pipes and Tanks) (December 7, 2012) ( <b>REVISED</b> )  | 12/07/2012              |
| NRCR20016 | NYS-5                           | NRC Staff's Testimony of Kimberly J. Green and William C. Holston Concerning Contention NYS-5 (Buried Pipes and Tanks) (December 7, 2012) ( <b>REVISED</b> )  | 12/07/2012              |
| NRC000017 | NYS-5                           | Kimberly J. Green, Statement of Professional Qualifications (March 29, 2012)  | 03/29/2012              |

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| NRC000018        | NYS-5                                  | William C. Holston, Statement of Professional Qualifications (March 29, 2012)   | 03/29/2012                     |
| NRC000019        | NYS-5                                  | Draft License Renewal Interim Staff Guidance LR-ISG-2011-03, "Changes to the Generic Aging Lessons Learned (GALL) Report, Revision 2, Aging Management Program XI.M41 'Buried and Underground Piping and Tanks'" ("Draft LR-ISG-2011003") | 03/29/2012                     |
| NRC000020        | NYS-5                                  | Draft interim staff guidance; request for public comment, "Changes to the Generic Aging Lessons Learned (GALL) Report Revision 2 AMP XI.M41, "Buried and Underground Piping and Tanks," 77 Fed. Reg. 14,446 (March 9, 2012)               | 03/29/2012                     |
| NRC000021        | NYS-5                                  | Letter from Fred Dacimo (Entergy) to NRC Document Control Desk, "Correction to Previous Response Regarding Unit 1 Buried Piping, Indian Point Nuclear Generating Unit Nos. 1, 2 & 3" (NL-12-032) (Jan. 30, 2012)                          | 03/29/2012                     |
| NRC000022        | NYS-5                                  | Letter from Mel Gray (NRC) to Joseph E. Pollock (Entergy), "Indian Point Nuclear Generating Unit 2 – NRC Integrated Inspection Report 05000247/2009-002" ("Integrated Inspection Report") (May 14, 2009)                                  | 03/29/2012                     |

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| NRC000023        | NYS-5                                  | 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, Indian Point Nuclear Generating Unit Nos. 2 & 3" (NL-09-079) (June 12, 2009) | 03/29/2012                     |
| NRC000024        | NYS-5                                  | Generic Letter 90-05, "Guidance for Performing Temporary Non-Code Repair of ASME Code Class 1, 2, and 3 Piping" ("Generic Letter 90-05") (June 15, 1990)  | 03/29/2012                     |
| NRC000025        | NYS-5                                  | ASME International, "Case N-513-2, Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping, Section XI, Division 1" (February 20, 2004) <b>(COPYRIGHT RESTRICTION)</b>   | 03/29/2012                     |
| NRC000026        | NYS-5                                  | ASME International, "Case N-776 Alternative to IWA-5244 Requirements for Buried Piping, Section XI, Division 1" (April 9, 2010) <b>(COPYRIGHT RESTRICTION)</b>  | 03/29/2012                     |
| NRC000027        | NYS-5                                  | NACE International, NACE SP0169-2007, "Standard Practice Control of External Corrosion on Underground or Submerged Metallic Piping Systems" (2007) <b>(COPYRIGHT RESTRICTION)</b>   | 03/29/2012                     |

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| NRC000028        | NYS-5                                  | America Water Works Association ("AWWA") Standard C105, "AWWA C105/A21.5-10, Table A.1, Soil-test evaluation (Soil Characteristics Based on Samples Taken Down to Pipe Depth)," p. 3 (undated) ("AWWA Standard C105, Soil Corrosivity Ratings")                                  | 03/29/2012                     |
| NRC000029        | NYS-5                                  | NRC Inspection Manual, Temporary Instruction 2516/001, "Review of License Renewal Activities (Program Applicability: This temporary instruction (TI) applies to Indian Point Nuclear Generating Unit 2 and Pilgrim Nuclear Power Station only)" (March 30, 2011) ("TI 2516/001") | 03/29/2012                     |
| NRC000030        | NYS-8                                  | NRC Staff's Statement of Position Concerning Contention NYS-8 (Transformers) (March 29, 2012)  | 03/29/2012                     |
| NRC000031        | NYS-8                                  | NRC Staff's Testimony of Roy K. Mathew and Sheila Ray Concerning Contention NYS-8 (Transformers) (March 29, 2012)  | 03/29/2012                     |
| NRC000032        | NYS-8                                  | Roy K. Mathew, Statement of Professional Qualifications  | 03/29/2012                     |
| NRC000033        | NYS-8                                  | Sheila Ray, Statement of Professional Qualifications   | 03/29/2012                     |
| NRC000034        | NYS-8                                  | IEEE 100, The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition  | 03/29/2012                     |



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| NRC000035 | NYS-8                           | National Fire Protection Recommended Practice 70B, "Recommended Practice for Electrical Equipment Maintenance" <b>(COPYRIGHT RESTRICTION)</b>  | 03/29/2012              |
| NRCR00036 | NYS-8                           | IEEE C57.106, "IEEE Guide for Acceptance and Maintenance of Insulating Oil in Equipment" <b>(COPYRIGHT RESTRICTION) (REVISED)</b>  | 01/18/2013              |
| NRC000037 | NYS-8                           | N.Y. Utami, et al., "Evaluation Condition of Transformer Based on Infrared Thermography Results," <i>Properties and Application of Dielectric Materials</i> , IEEE 2009 <b>(COPYRIGHT RESTRICTION)</b> | 03/29/2012              |
| NRC000038 | NYS-8                           | IEEE Std 62-1995, "IEEE Guide for Diagnostic Field Testing of Electric Power Apparatus -Part 1: Oil Filled Power Transformers, Regulators, and Reactors" <b>(COPYRIGHT RESTRICTION)</b>                | 03/29/2012              |
| NRC000039 | NYS-12C                         | NRC Staff's Statement of Position Concerning Contention NYS-12C  | 03/30/2012              |
| NRC000040 | NYS-16B                         | NRC Staff's Statement of Position Concerning Contention NYS-16B  | 03/30/2012              |



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| NRC000041        | NYS-12C/16B                            | NRC Staff Combined Testimony of Nathan Bixler, Tina Ghosh, Joseph Jones and Donald Harrison Concerning NYS-12C/16B                     | 03/30/2012                     |
| NRC000042        | NYS-12C/16B                            | Nathan Bixler Statement of Professional Qualifications   | 03/30/2012                     |
| NRC000043        | NYS-12C/16B                            | Tina Ghosh Statement of Professional Qualifications  | 03/30/2012                     |
| NRC000044        | NYS-12C/16B                            | Joseph Jones Statement of Professional Qualifications  | 03/30/2012                     |
| NRC000045        | NYS-12C/16B                            | Donald Harrison Statement of Professional Qualifications   | 03/30/2012                     |
| NRC000046        | NYS-12C/16B                            | EPA, <i>Empire Abrasive Blast N'Vac for Radiological Decontamination</i> , EPA600/R-11-014 May 2011                                    | 03/30/2012                     |
| NRC000047        | NYS-12C/16B                            | Innovative Technology Summary Report for ALARA™ 1146 Strippable Coating, Department of Energy 1999                                     | 03/30/2012                     |
| NRC000048        | NYS-12C/16B                            | R. Demmer, Large-Scale Urban Decontamination; Developments Historical Examples, and Lessons Learned, Idaho National Laboratory 2007    | 03/30/2012                     |
| NRC000049        | NYS-12C/16B                            | J. Beyea, et. al, Damages from a Major Release of <sup>137</sup> Cs into the Atmosphere of the United States, 2004                     | 03/30/2012                     |
| NRC000050        | NYS-12C/16B                            | E. Lyman, Chernobyl on the Hudson? The Health and Economic Impacts of a Terrorist Attack at the Indian Point Nuclear Power Plant, 2004 | 03/30/2012                     |

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| NRC000051        | NYS-12C/16B                            | D. Osborn et. al., Economic Costs from a Radiological Transportation Accident   | 03/30/2012                     |
| NRC000052        | NYS-12C/16B                            | G. J. Edgington et. al., Presentation Slides, Decontamination of Cs-137, Pu-239, and Am-241 from Hard Surfaces using a Peelable Polymer-based Hydrogel, HealthPhysics Society Annual Meeting Pittsburgh, PA | 03/30/2012                     |
| NRC000053        | NYS-12C/16B                            | EPA, Radiation Protection – Plutonium,<br><a href="http://www.epa.gov/radiation/radionuclides/plutonium.html">http://www.epa.gov/radiation/radionuclides/plutonium.html</a>                                 | 03/30/2012                     |
| NRC000054        | NYS-12C/16B                            | EPA, Radiation Protection – cesium,<br><a href="http://www.epa.gov/radiation/radionuclides/cesium.html">http://www.epa.gov/radiation/radionuclides/cesium.html</a>  | 03/30/2012                     |
| NRC000055        | NYS-12C/16B                            | U.S. Government Accountability Office, The Bureau's Plans for Reducing the Undercount Show Promise, but Key Uncertainties Remain, 2008  | 03/30/2012                     |
| NRC000056        | NYS-12C/16B                            | NUREG-75/014 (WASH-1400), Reactor Safety Study – An Assessment of Accident Risks in U.S. Commercial Nuclear Power Plants, 1975  | 03/30/2012                     |
| NRC000057        | NYS-12C/16B                            | NUREG/CR-4551, Volume 2, Part 7, Evaluation of Severe Accidents: Quantification of Major Input Parameters – MACCS Input   | 03/30/2012                     |
| NRC000058        | NYS-12C/16B                            | NUREG/CR-3673, Economic Risks of Nuclear Power Reactor Accidents  | 03/30/2012                     |
| NRC000059        | NYS-12C/16B                            | NUREG-1150, Severe Accident Risks: An Assessment for Five U.S. Nuclear Power Plants, 1990   | 03/30/2012                     |
| NRC000060        | NYS-12C/16B                            | Fraction of Land Contaminated by Each Source Term Group (STG)   | 03/30/2012                     |

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| NRC000061        | NYS-12C/16B                            | Site Specific MACCS2 Input Data for Indian Point Energy Center, Volume 1 (2006)   | 03/30/2012                     |
| NRC000062        | CW-EC-3A                               | NRC Staff's Statement of Position Concerning Contention CW-EC-3A  | 03/30/2012                     |
| NRC000063        | CW-EC-3A                               | NRC Staff's Testimony of Jeffrey J. Rikhoff and Patricia A. Milligan Concerning Contention CW-EC-3A   | 03/30/2012                     |
| NRC000064        | CW-EC-3A                               | Patricia A. Milligan Statement of Professional Qualifications   | 03/30/2012                     |
| NRC000065        | CW-EC-3A                               | Federal Emergency Management Agency and NRC, 44 CFR Appendix A to Part 353; 58 Fed. Reg. 47,997 (Sept. 14, 1994) ("FEMA/NRC MOU")   | 03/30/2012                     |
| NRC000066        | CW-EC-3A                               | NUREG-0654/FEMA-REP-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants ("NUREG-0654/FEMA-REP-1")   | 03/30/2012                     |
| NRC000067        | CW-EC-3A                               | NUREG-0654/FEMA-REP-1, Rev. 1, Supplement 3, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, Guidance for Protective Action Strategies (2011) ("NUREG-0654/FEMA-REP-1 Supp. 3") | 03/30/2012                     |
| NRC000068        | CW-EC-3A                               | NUREG/CR-6864, Vol. 1, Identification and Analysis of Factors Affecting Emergency Evacuations ("NUREG/CR-6864")   | 03/30/2012                     |
| NRC000069        | CW-EC-3A                               | 2010-2011 Putnam County Indian Point Emergency Guide ("Putnam IP Emergency Guide")  | 03/30/2012                     |

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| NRC000070        | CW-EC-3A                               | 2011-2012 Orange County Indian Point Emergency Guide ("Orange IP Emergency Guide")  | 03/30/2012                     |
| NRC000071        | CW-EC-3A                               | National Institute for Chemical Studies, Sheltering in Place as a Public Protective Action (June 2001) ("NICS Study")   | 03/30/2012                     |
| NRC000072        | CW-EC-3A                               | U.S. Department of Homeland Security ("DHS") in cooperation with the U.S. Department of Transportation, Nationwide Plan Review Phase 2 Report (June 2006) ("DHS Report")  | 03/30/2012                     |
| NRC000073        | CW-EC-3A                               | Jeffrey A. Schwartz & David Webb, Hurricanes Katrina and Rita and the Louisiana Dept. of Public Safety and Corrections: A Chronicle and Critical Incident Review (May 2006) ("Hurricanes Katrina and Rita Incident Review")             | 03/30/2012                     |
| NRC000074        | CW-EC-3A                               | The Chernobyl Forum, Chernobyl's Legacy: Health, Environmental and Socio-economic Impacts and Recommendations to the Governments of Belarus, the Russian Federation and Ukraine (September 2005) ("Chernobyl Recommendations")          | 03/30/2012                     |
| NRC000075        | CW-EC-3A                               | US Department of Health and Human Services, Food and Drug Administration, Center for Drug Evaluation and Research, Guidance: Potassium Iodide as a Thyroid Blocking Agent in Radiation Emergencies (Dec. 2001) ("FDA Thyroid Guidance") | 03/30/2012                     |
| NRC000076        | NYS-6/7                                | NRC Staff's Statement of Position Concerning Contention NYS-6/7   | 03/30/2012                     |
| NRC000077        | NYS-6/7                                | NRC Staff's Testimony of Clifford Doult and Duc Nguyen Concerning Contention NYS-6/7  | 03/30/2012                     |

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| NRC000078        | NYS-6/7                                | Clifford Doult Statement of Professional Qualifications  | 03/30/2012                     |
| NRC000079        | NYS-6/7                                | Duc Nguyen Statement of Professional Qualifications  | 03/30/2012                     |
| NRCR00080        | NYS-17B                                | NRC Staff's Initial Statement of Position of Contention NYS-17, 17A, 17B (Land Use)  | 10/09/2012                     |
| NRCR00081        | NYS-17B                                | NRC Staff's Testimony of Jeffrey J. Rikhoff, Andrew L. Stuyvenberg, and John P. Boska Concerning Contentions NYS-17, 17A and 17B (Land Use) <b>(REVISED)</b> | 10/09/2012                     |
| NRC000082        | NYS-17B                                | Jeffrey J. Rikhoff, Statement of Professional Qualifications   | 03/30/2012                     |
| NRC000083        | NYS-17B                                | Andrew L. Stuyvenberg, Statement of Professional Qualifications  | 03/30/2012                     |
| NRC000084        | NYS-17B                                | John P. Boska, Statement of Professional Qualifications  | 03/30/2012                     |
| NRC000085        | NYS-17B                                | NRC Information Digest (NUREG-1350), Dataset, Appendix B   | 03/30/2012                     |
| NRCR00086        | NYS-17B                                | NRC Information Digest (NUREG-1350), Dataset, Appendix A <b>(REVISED)</b>  | 10/09/2012                     |
| NRCR00087        | RK-EC3/<br>CW-EC1                      | NRC Staff's Statement of Position Concerning Contention RK-EC3/ CW-EC1 <b>(REVISED)</b>  | 09/21/2012                     |

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| NRCR00088        | RK-EC3/<br>CW-EC1                      | NRC Staff's Testimony of Stephen P. Klementowicz and James D. Noggle Concerning Contention RK-EC3/ CW-EC1 <b>(REVISED)</b>                                | 09/21/2012                     |
| NRC000089        | RK-EC3/<br>CW-EC1                      | Stephen P. Klementowicz Statement of Professional Qualifications  | 03/30/2012                     |
| NRCR00090        | RK-EC3/<br>CW-EC1                      | James D. Noggle Statement of Professional Qualifications <b>(REVISED)</b>   | 09/21/2012                     |
| NRC000091        | RK-EC3/<br>CW-EC1                      | 08/11/2006 IP Unit 2 – Integrated Inspection Report 05000247/2006003  | 03/30/2012                     |
| NRC000092        | RK-EC3/<br>CW-EC1                      | 01/31/2007 IP Unit 2 – Integrated Inspection Report 05000247/200605   | 03/30/2012                     |
| NRC000093        | RK-EC3/<br>CW-EC1                      | 05/10/2007 IP Unit 2 – Integrated Inspection Report 05000247/2007002  | 03/30/2012                     |
| NRC000094        | RK-EC3/<br>CW-EC1                      | 11/09/2007 IP Unit 2 – Integrated Inspection Report 05000247/2007004  | 03/30/2012                     |
| NRC000095        | RK-EC3/<br>CW-EC1                      | 05/15/2008 - NL-08-079: Remediation and Long Term Monitoring of Site Groundwater  | 03/30/2012                     |
| NRC000096        | RK-EC3/<br>CW-EC1                      | Branch Technical Position, Rev. 1 (November 1979)   | 03/30/2012                     |
| NRC000097        | RK-EC3/<br>CW-EC1                      | NUREG-1301: Offsite Dose Calculation Manual Guidance: Standard Radiological Effluent Controls for Pressurized Water Reactors (GL-89-01, Supplement No. 1) | 03/30/2012                     |



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|------------------|--|--|--------------------------------|
| NRC000098        | RK-EC3/<br>CW-EC1                      | 01/04/2005 - SRM-04-0223: Request for Approval of Staff Comments on the 2005 Recommendations of the International Commission on Radiological Protection  | 03/30/2012                     |
| NRC000099        | RK-EC3/<br>CW-EC1                      | 08/23/2006 - SRM-06-0168: Staff Comments on the Draft Recommendations of the International Commission on Radiological Protection   | 03/30/2012                     |
| NRC000100        | RK-EC3/<br>CW-EC1                      | NRC Reg. Guide 1.21, Rev. 1: Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light-Water-Cooled Nuclear Power Plants (June 1974) | 03/30/2012                     |
| NRCR20101        | NYS-26B/<br>RK-TC1B                    | NRC Staff's Revised Statement of Position Regarding NYS 26B/RK-TC-1B   | 08/10/2015                     |
| NRC000102        | NYS-26B/<br>RK-TC1B                    | NRC Staff's Testimony of Allen Hiser, On Yee and Ching Ng Regarding NYS 26B/RK-TC-1B   | 03/31/2012                     |
| NRCR00103        | NYS-26B/<br>RK-TC1B                    | Allen Hiser Statement of Professional Qualifications   | 03/30/2012                     |
| NRCR00104        | NYS-26<br>NYS-38                       | On Yee Statement of Professional Qualifications <b>(REVISED)</b>   | 08/10/2015                     |
| NRCR00105        | NYS-26<br>NYS-38                       | Ching Ng Statement of Professional Qualifications <b>(REVISED)</b>   | 08/10/2015                     |
| NRC000106        | NYS-26B/<br>RK-TC1B                    | NRC Inspection Manual, Inspection Procedure 71002, License Renewal Inspection  | 03/30/2012                     |



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**NRC Staff Hearing Exhibits**

| <b>Exhibit #</b>              | <b>Contention Addressed by Exhibit</b> | <b>Exhibit Name</b>   | <b>Exhibit Submission Date</b> |
|-------------------------------|--|---|--------------------------------|
| NRC000107                     | NYS-26B/<br>RK-TC1B                    | NRC Inspection Report 05000247/2008006 and 05000286/2008006   | 03/30/2012                     |
| NRC000108                     | NYS-26B/<br>RK-TC1B                    | Audit Report for Plant Aging Management Programs and Reviews, Indian Point Nuclear Generating Unit Nos. 2 and 3   | 03/31/2012                     |
| NRC000109                     | NYS-26B/<br>RK-TC1B                    | Letter NL-08-057, Letter from Entergy Nuclear Operations, Inc., to NRC, Indian Point Nuclear Generating Units 2 and 3, License Renewal Application Amendment 3                | 03/31/2012                     |
| NRC000110                     | NYS-26B/<br>RK-TC1B                    | Letter NL-11-032, Letter from Entergy Nuclear Operations, Inc. to NRC, Indian Point, Units 2 & 3, Response to Request for Additional Information on Aging Management Programs | 03/31/2012                     |
| NRC000111                     | NYS-26B/<br>RK-TC1B                    | Letter NL-07-153, Letter from Entergy Nuclear Operations, Inc., to NRC, Indian Point Nuclear Generating Units 2 and 3, License Renewal Application Amendment 1                | 03/31/2012                     |
| NRC000112                     | NYS-26B/<br>RK-TC1B                    | NRC Regulatory Issue Summary -2011-14, Metal Fatigue Analysis Performed By Computer Software  | 03/31/2012                     |
| NRC000113                     | NYS-26B/<br>RK-TC1B                    | ASME Code Section XI, Appendix L, Operating Plant Fatigue Assessment  | 03/31/2012                     |
| NRC000114A<br>–<br>NRC000114F | NYS-26B/<br>RK-TC1B                    | MRP-227-A, Materials Reliability Program: Pressurized Water Reactor Internals Inspection and Evaluation Guidelines  | 04/02/2012                     |
| NRC000115                     | NYS-26B/<br>RK-TC1B                    | EPRI, TR-105714, Rev. 5, Pressurized Water Reactor Primary Water Chemistry Guidelines   | 03/31/2012                     |

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|------------------|--|---|--------------------------------|
| NRC000116        | NYS-26B/<br>RK-TC1B                    | Requests for Additional Information in NRC Letter, Request for Additional Information for the Review of the Indian Point Nuclear Generating Unit Numbers 2 and 3, License Renewal Application Time-Limited Aging Analyses, Bolted Connections, and Boraflex, (April 18, 2008) (ADAMS Accession No. ML080870374) | 03/31/2012                     |
| NRC000117        | NYS-26B/<br>RK-TC1B                    | Statement Of Consideration for 1995 License Renewal Rule  | 03/31/2012                     |
| NRCR00118        | NYS-26<br>NYS-38                       | Indian Point Unit 3 Technical Specifications <b>(EXCERPT) (REVISED)</b>   | 08/10/2015                     |
| NRC000119        | NYS-26B/<br>RK-TC1B                    | Salem Nuclear Generating Station's use of WESTEMS™ fatigue software   | 03/31/2012                     |
| NRC000120        | RK-TC-2                                | NRC Staff's Statement Of Position Regarding RK-TC2  | 03/31/2012                     |
| NRC000121        | RK-TC-2                                | NRC Staff's Testimony of Matthew Yoder and Allen Hiser Regarding RK-TC2   | 03/31/2012                     |
| NRC000122        | RK-TC-2                                | Matthew Yoder Statement of Professional Qualifications  | 03/31/2012                     |
| NRC000123        | NYS-26B/<br>RK-TC-1B,<br>RK-TC-2       | Audit and Review Plan for Plant Aging Management Reviews and Programs – Indian Point Generating Units Nos. 2 and 3)   | 03/31/2012                     |

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|------------------|--|--|--------------------------------|
| NRC000124        | NYS-26B/<br>RK-TC-1B,<br>RK-TC-2       | Scoping and Screening Methodology Audit Trip Report For Indian Point, Units 2 and 3  | 03/31/2012                     |
| NRC000125        | RK-TC-2                                | Letter NL-07-056 , Letter from Indian Point Nuclear Generating Units 2 and 3 - Supplement to License Renewal Application (May 3, 2007)   | 03/31/2012                     |
| NRC000126        | RK-TC-2                                | Letter NL-07-078, Letter from Entergy Nuclear Operations, Inc., to NRC, Indian Point Nuclear Generating Unit 2, Response to NRC Review Status of License Renewal Application, (June 21, 2007)(ADAMS Accession No. ML071800318)   | 03/31/2012                     |
| NRC000127        | RK-TC-2                                | Letter NL-07-124, Letter From Entergy Nuclear Operations, Inc., to NRC, Indian Point Nuclear Generating Units 2 and 3, Supplement to License Renewal Application, (Oct 11, 2007) (ADAMS Accession No. ML072910276)   | 03/31/2012                     |
| NRC000128        | RK-TC-2                                | Letter from K. Green (NRC) to M. Balduzzi (Entergy Nuclear Operations, Inc), "Requests for Additional Information for the Review of the Indian Point Nuclear Generating Unit Nos. 2 and 3, License Renewal Application (December 7, 2007)(ADAMS Accession No. ML073250226) | 03/31/2012                     |
| NRC000129        | RK-TC-2                                | WCAP-16212-NP (nonproprietary) Indian Point Nuclear Generating Unit No. 3 Stretch Power Uprate NSSS and BOP Licensing Report (June 2004) (ADAMS Accession Nos. ML041620616 & ML041630103)  | 03/31/2012                     |
| NRC000130        | RK-TC-2                                | SECY-99-148, Credit for Existing Programs for License renewal,(June 3, 1999)(ADAMS Accession No. ML992770130)  | 03/31/2012                     |
| NRC000131        | RK-TC-2                                | Staff Requirements – SECY-99-148- Credit for Existing Programs for License Renewal (August 27, 1999)(ADAMS Accession No. ML003751930)  | 03/31/2012                     |

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|------------------|--|--|--------------------------------|
| NRCR00132        | NYS-37                                 | NRC Staff's Initial Statement of Position on Contention NYS-9, NYS-33 and NYS-37 (Alternatives, Consolidated) (CORRECTED)  | 04/02/2012                     |
| NRC000133        | NYS-37                                 | NRC Staff's Testimony of Andrew L. Stuyvenberg Concerning Contention NYS-9, NYS-33 and NYS-37 (Alternatives, Consolidated)   | 03/30/2012                     |
| NRC000134        | NYS-37                                 | Andrew L. Stuyvenberg Statement of Professional Qualifications   | 03/30/2012                     |
| NRC000135        | NYS-37                                 | New York State Scoping Comments on License Renewal of Indian Point, Units 2 and 3, October 31, 2007  | 03/30/2012                     |
| NRC000136        | NYS-37                                 | Letter from NYS to BPham, NRC, Re "Tendered" Application for Relicensure by Entergy Nuclear Indian Point LLCs for Operating Licenses Nos. DPR-26 and DPR-64, dated July 13, 2007 | 03/30/2012                     |
| NRC000137        | NYS-37                                 | Electric Power Annual 2009, U.S. Energy Information Administration, April 2011   | 03/30/2012                     |
| NRC000138        | NYS-37                                 | Supplemental Proposed Rulemaking, Environmental Review for Renewal of Operating licenses   | 03/30/2012                     |
| NRCR00139        | NYS-37                                 | Environmental Impact Statement, Scoping Process, Summary Report, Indian Point, December 2008 <b>(REVISED)</b>  | 01/18/2013                     |
| NRC000140        | NYS-37                                 | Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 37, Three Mile Island Nuclear Station, Unit 1   | 03/30/2012                     |
| NRC000141        | NYS-37                                 | Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 33, Shearon Harris Nuclear Power Plant, Unit 1  | 03/30/2012                     |

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|------------------|--|--|--------------------------------|
| NRC000142        | NYS-37                                 | Supplying Baseload Power and Reducing Transmission Requirements by Interconnecting Wind Farms, by C. Archer and M. Jacobson, Journal of Applied Meteorology and Climatology, November 2007<br><b>(COPYRIGHT RESTRICTION)</b> | 03/30/2012                     |
| NRC000143        | NYS-37                                 | American Wind Energy Association, Production Tax Credit  | 03/30/2012                     |
| NRC000144        | NYS-37                                 | CNET News, Flywheel storage maker Beacon Power declares bankruptcy, by Martin LaMonica, Oct. 31, 2011  | 03/30/2012                     |
| NRC000145        | NYS-37                                 | NYS Supplemental Comments Regarding Scope of NEPA Analysis, Application for Relicensure by Entergy Nuclear Indian Point LLCs for Operating Licenses Nos. DPR-26 and CPR-64   | 03/30/2012                     |
| NRC000146        | N/A                                    | <b>EXHIBIT NOT USED</b>  | N/A                            |
| NRCR00147        | NYS-26<br>NYS-38                       | NRC Staff's Revised Statement of Position on State of New York and Riverkeeper's Joint Contention NYS-38/RK-TC5 <b>(REVISED)</b>   | 08/10/2015                     |
| NRC000148        | NYS-38/<br>RK-TC5                      | NRC Staff's Testimony of Allen L. Hiser, On Yee, and Ching Ng Concerning Portions of Contention NYS-38   | 08/20/2012                     |
| NRC000149        | NYS-38/<br>RK-TC5                      | ASME Section XI, Appendix A (Excerpt)  | 08/20/2012                     |
| NRC000150        | NYS-38/<br>RK-TC5                      | ASME Section XI, Appendix C (Excerpt)  | 08/20/2012                     |



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|------------------|--|--|--------------------------------|
| NRC000151        | NYS-38/<br>RK-TC5                      | Temporary Instruction 2516/001 (Mar. 30, 2011)   | 08/20/2012                     |
| NRC000152        | NYS-38/<br>RK-TC5                      | Indian Point Nuclear Generating Unit 2 – NRC Inspection Report 05000247/2012008, dated April 19, 2012  | 08/20/2012                     |
| NRC000153        | NYS-38/<br>RK-TC5                      | NL-12-089, Entergy Letter Replying to Request for Additional Information Regarding the License Renewal Application (dated June 14, 2012)   | 08/20/2012                     |
| NRC000154        | NYS-38/<br>RK-TC5                      | April 11, 2011 Summary of the March 11, 2011 Meeting between the U.S. Nuclear Regulatory Commission Staff and the Nuclear Energy Institute to Discuss Current License Renewal Topics | 08/20/2012                     |
| NRC000155        | NYS-38/<br>RK-TC5                      | March 30, 2011 Audit Report on the Use of WESTEMS Software in the Salem Nuclear Generating Station, Units 1 and 2, License Renewal Application                                       | 08/20/2012                     |
| NRC000156        | NYS-38/<br>RK-TC5                      | NL-11-101, Entergy Letter Regarding Clarification for Request for Additional Information – Aging Management Programs (dated August 22, 2011)   | 08/20/2012                     |
| NRC000157        | NYS-38/<br>RK-TC5                      | Kenneth J. Karwoski – Statement of Professional Qualifications   | 08/20/2012                     |

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| Exhibit # | Contention Addressed by Exhibit | Exhibit Name   | Exhibit Submission Date |
|-----------|---------------------------------|--|-------------------------|
| NRC000158 | NYS-38/<br>RK-TC5               | August 12, 2010 NEI Steam Generator Task Force NRC/ Industry Update<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/20/2012              |
| NRC000159 | NYS-38/<br>RK-TC5               | Electric Power Research Institute – Implementation Status of Industry Change Management Plan for Materials Related R & D Committees under NEI 03-08<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>                        | 08/20/2012              |
| NRC000160 | NYS-38/<br>RK-TC5               | August 4, 2011 NEI Steam Generator Task Force NRC/ Industry Update<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>   | 08/20/2012              |
| NRCR00161 | NYS-38/<br>RK-TC5               | NRC Staff Testimony of Dr. Allen L. Hiser and Mr. Kenneth J. Karwoski Concerning Portions of State of New York and Riverkeeper, Inc. Joint Contention NYS-38/RK-TC5 <b>(REVISED)</b>                                 | 08/10/2015              |
| NRC000162 | NYS-5                           | Final License Renewal Interim Staff Guidance - LR-ISG-2011-03<br>Changes to the Generic Aging Lessons Learned (GALL) Report Revision 2<br>Aging Management Program Xi.M41, "Buried And Underground Piping And Tanks" | 08/23/2012              |



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|------------------|--|---|--------------------------------|
| NRC000163        | NYS-5                                  | 77 Fed. Reg. 46,127 (Aug. 2, 2012) "Interim Staff Guidance on Changes to the Generic Aging Lessons Learned (GALL) Report Revision 2 Aging Management Program Xi.M41, 'Buried And Underground Piping And Tanks'" | 08/23/2012                     |
| NRC000164        | NYS-12C                                | Affidavit of S. Tina Ghosh Concerning State of New York Motion for Leave to File an Additional Exhibit and Additional Cross-Examination Questions Concerning Consolidated Contention NYS-12C                    | 10/09/2012                     |
| NRC000165        | NYS 17B/<br>NYS-37                     | Cricket Valley Energy Project – FEIS ( <b>EXCERPT</b> )   | 10/15/2012                     |
| NRC000166        | NYS-37                                 | Cricket Valley Energy Project – DEIS ( <b>EXCERPT</b> )   | 10/15/2012                     |
| NRC000167        | NYS-5                                  | Declaration of William C. Holston Updating NRC Staff's Testimony on Contention NYS-5 (Buried Piping and Tanks) to Address New Information Submitted by Applicant Entergy Nuclear Operations, Inc.               | 04/22/2013                     |
| NRC000168        | NYS-26<br>NYS-38                       | NRC Staff Testimony of Dr. Allen Hiser, Dr. Ching Ng, Mr. Gary Stevens, P.E., and Mr. On Yee, Concerning Contentions NYS-26B/RK-TC-1B and NYS-38/RK-TC-5  | 08/10/2015                     |
| NRC000169        | NYS-26<br>NYS-38                       | Indian Point Unit 2 Technical Specifications ( <b>EXCERPT</b> )   | 08/10/2015                     |
| NRC000170        | NYS-26<br>NYS-38                       | EPRI 1008224, Final Report, Rev. 6, Pressurized Water Reactor Secondary Water Chemistry Guidelines (Dec. 2004)<br>( <b>PROPRIETARY</b> )  | 08/10/2015                     |

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**NRC Staff Hearing Exhibits**

|           |                  |   |            |
|-----------|------------------|---|------------|
| NRC000171 | NYS-26<br>NYS-38 | EPRI 1015014, Materials Reliability Program: Evaluation of Controlling Transient Ramp Times Using Piping Methodologies When Considering Environmental Fatigue ( $F_{en}$ ) Effects (MRP-218) (Sept. 2007)<br><b>(EXCERPT) (CONTAINS COPYRIGHTED MATERIAL)</b> | 08/10/2015 |
| NRC000172 | NYS-26<br>NYS-38 | EPRI 1003536, Materials Reliability Program: Second International Conference on Fatigue of Reactor Components (MRP-84) (Feb. 2003)<br><b>(EXCERPT) (CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |
| NRC000173 | NYS-26<br>NYS-38 | Excerpt from Transcript of Advisory Committee on Reactor Safeguards Metallurgy and Reactor Fuels Subcommittee at 105-106 (Dec. 2, 2014)   | 08/10/2015 |
| NRC000174 | NYS-26<br>NYS-38 | Background of the Factors of Safety Used in Divisions I of Sections III and XI of the ASME Rules for Nuclear Vessels (Oct. 1984)<br><b>(EXCERPT) (CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |
| NRC000175 | NYS-26<br>NYS-38 | Implementation of Automated, On-line Fatigue Monitoring in a Boiling Water Reactor (1993)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>   | 08/10/2015 |
| NRC000176 | NYS-26<br>NYS-38 | EPRI 1003069, Materials Reliability Program Hot Cell Testing of Baffle/Former Bolts Removed From Two Lead PWR Plants (MRP-51) (Nov. 2001)<br><b>(PROPRIETARY)</b>   | 08/10/2015 |
| NRC000177 | NYS-26<br>NYS-38 | ICONE5-2372, Fatigue and Stress Corrosion Cracking Behaviors of Irradiated Stainless Steels in PWR Primary Water<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |
| NRC000178 | NYS-26<br>NYS-38 | ASME Code, Section III – Subsection NCA, General Requirements for Division 1 and Division 2 Rules for Construction of Nuclear Facility Components (Jul. 1, 2007)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |

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|           |                            |  |            |
|-----------|----------------------------|--|------------|
| NRC000179 | NYS-26<br>NYS-38           | Regulatory Guide 1.207, Guidelines for Evaluating Fatigue Analyses Incorporating the Life Reduction of Metal Components Due to the Effects of the Light-Water Reactor Environment for New Reactors (Mar. 2007)       | 08/10/2015 |
| NRC000180 | NYS-26<br>NYS-38           | NRC Inspection Manual, Chapter 2516, Policy and Guidance for the License Renewal Inspection Program (Aug. 13, 2013)  | 08/10/2015 |
| NRC000181 | NYS-26<br>NYS-38           | Letter from James Trapp, NRC, to John Ventosa, Entergy, Indian Point Nuclear Generating Unit 2 – NRC License Renewal Team Inspection Report 05000247/2013009 (July 5, 2013)  | 08/10/2015 |
| NRC000182 | NYS-26<br>NYS-38           | Letter from James Trapp, NRC, to John Ventosa, Entergy, Indian Point Nuclear Generating Unit 2 – NRC License Renewal Team Inspection Report 05000247/2013010 (Sept. 19, 2013)  | 08/10/2015 |
| NRC000183 | NYS-26<br>NYS-38           | NRC Inspection Manual, Inspection Procedure 71013, Site Inspection for Plants with a Timely Renewal Application (Sept. 25, 2013)   | 08/10/2015 |
| NRC000184 | NYS-25<br>NYS-26<br>NYS-38 | Letter NL-13-114, Letter from Fred Dacimo, Entergy, to NRC, Implementation of License Renewal Regulatory Commitments Indian Point Nuclear Generating Unit No. 2 Docket No. 50-257 License No. DPR-26 (Aug. 28, 2013) | 08/10/2015 |
| NRC000185 | NYS-26<br>NYS-38           | Letter from Arthur Burritt, NRC, to Larry Coyle, Entergy, Annual Assessment Letter for Indian Point Nuclear Generating Units 2 and 3 (Report 05000247/2014001 and 05000286/2014001) (Mar. 4, 2015)                   | 08/10/2015 |
| NRC000186 | NYS-26<br>NYS-38           | Effect of LWR Coolant Environments on the Fatigue of Reactor Materials, 79 Fed. Reg. 21811 (Apr. 17, 2014)   | 08/10/2015 |

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**NRC Staff Hearing Exhibits**

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|-----------|------------------|--|------------|
| NRC000187 | NYS-26<br>NYS-38 | Letter from John Daily, NRC, to 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)   | 08/10/2015 |
| NRC000188 | NYS-26<br>NYS-38 | Letter NL-15-060, Letter from Fred Dacimo, Entergy, to NRC, Entergy Actions Required Prior to Entry into Period of Extended Operation Associated with License Renewal Application (LRA) for Indian Point Nuclear Generating Unit No. 3 Docket No. 50-286 License No. DPR-64 (May 12, 2015) | 08/10/2015 |
| NRC000189 | NYS-38           | TSTF-510, Rev. 2, Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection (Mar. 1, 2011)  | 08/10/2015 |
| NRC000190 | NYS-38           | NRC White Paper on Risk-Informed and Performance-Based Regulation  | 08/10/2015 |
| NRC000191 | NYS-38           | Biweekly Notice; Applications and Amendments to Facility Operating Licenses and Combined Licenses Involving No Significant Hazards Considerations, 79 Fed. Reg. 15144 (Mar. 18, 2014)  | 08/10/2015 |
| NRC000192 | NYS-38           | Letter NL-15-001, Letter from Lawrence Coyle, to NRC, Response to Request for Additional Information (RAI) for the Steam Generator Examination Program Results 2014 Refueling Outage (2R21) Indian Point Unit No. 2 Docket No. 50-247 License No. DPR-26 (Jan. 15, 2015)                   | 08/10/2015 |
| NRC000193 | NYS-38           | Letter NL-13-143, Letter from Robert Walpole, to NRC, Response to Request for Additional Information Regarding Steam Generator Tube Inspection Performed During the Spring 2013 Refueling Outage Indian Point Unit No. 3 Docket No. 50-286 License No. DPR-64 (Oct. 29, 2013)              | 08/10/2015 |

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**NRC Staff Hearing Exhibits**

|           |                  |  |            |
|-----------|------------------|--|------------|
| NRC000194 | NYS-38           | S. Miloudi et al, <i>Destructive Examinations on Divider Plates from Decommissioned Steam Generators Affected by Superficial Stress Corrosion Cracks</i> , in 15th International Conference on Environmental Degradation of Materials in Nuclear Power Systems-Water Reactors (2012)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b> | 08/10/2015 |
| NRC000195 | NYS-26<br>NYS-38 | ASME Code, Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components, 2007 through 2008 Addenda, IWB-2500, Table IWB-2500-1, IWB,3700, IWC-2500, Table IWC-2500-1(Jul. 1, 2008)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>   | 08/10/2015 |
| NRC000196 | NYS-25           | NRC Staff's Initial Statement of Position on Contention NYS-25 (Reactor Vessel Internals)<br><b>(PROPRIETARY)</b>  | 08/10/2015 |
| NRC000197 | NYS-25<br>NYS-38 | NRC Staff Testimony of Dr. Allen Hiser, Jeffrey Poehler, and Gary Stevens on NYS-25 and NYS-38/RK-TC-5<br><b>(PROPRIETARY)</b>   | 08/10/2015 |
| NRC000198 | NYS-25           | Enclosure to MRP Letter 2013-025, MRP-227-A Applicability Guidelines for Combustion Engineering and Westinghouse Pressurized Water Reactor Designs (Oct. 4, 2013)  | 08/10/2015 |
| NRC000199 | NYS-25           | ASME Code, Section XI, 2007 through 2008 Addenda, IWA-2213 (Jul. 1, 2008)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |
| NRC000200 | NYS-25           | WCAP-17096-NP, Rev. 2, Reactor Internals Acceptance Criteria Methodology and Data Requirements (Dec. 2009)   | 08/10/2015 |
| NRC000201 | NYS-25           | "NRC Position on Aging Management of CASS Reactor Vessel Internal Components" (June 11, 2014)  | 08/10/2015 |
| NRC000202 | NYS-25           | ASM Handbook, Vol. 19, Fatigue and Fracture, Figure 14 at 595 (1996)<br><b>(EXCERPT ) (CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |

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**NRC Staff Hearing Exhibits**

|                             |        |  |            |
|-----------------------------|--------|--|------------|
| NRC000203                   | NYS-25 | EPRI 1021001NP/BWRVIP-100NP, Final Report, Rev. 1, BWR Vessel and Internals Project, Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for BWR Core Shrouds (Oct. 2010)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b> | 08/10/2015 |
| NRC000204                   | NYS-25 | PWROG-14048-P, Rev. 0, Functionality Analysis: Lower Support Columns (Dec. 2014)<br><b>(PROPRIETARY)</b>   | 08/10/2015 |
| NRC000205                   | NYS-25 | Indian Point, Unit 2, Updated Final Safety Analysis Report (UFSAR), Rev. 25, Chapter 3 – Reactor (2014)  | 08/10/2015 |
| NRC000206                   | NYS-25 | Indian Point, Unit 2, Updated Final Safety Analysis Report (UFSAR), Rev. 25, Chapter 14 - Safety Analysis (2014)   | 08/10/2015 |
| NRC000207                   | NYS-25 | Regulatory Information Conference Presentation Slides, “Recent Materials Inspections of PWR Reactor Internals” (Mar. 2015)   | 08/10/2015 |
| NRC00208A<br>-<br>NRC00208E | NYS-25 | MRP Letter 2014-09, Biennial Report of Recent MRP-227-A Reactor Internals Inspection Results (May 12, 2014)  | 08/10/2015 |
| NRC000209                   | NYS-25 | EPRI 1013396/BWRVIP-100-A, Final Report, BWR Vessel and Internals Project, Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for BWR Core Shrouds (Aug. 2006)<br><b>(PROPRIETARY)</b>                             | 08/10/2015 |
| NRC000210                   | NYS-25 | EPRI 1013396NP/ BWRVIP-100NP-A, Final Report, BWR Vessel and Internals Project, Updated Assessment of the Fracture Toughness of Irradiated Stainless Steel for BWR Core Shrouds (Aug. 2006)<br><b>(CONTAINS COPYRIGHTED MATERIAL)</b>      | 08/10/2015 |
| NRC000211                   | NYS-25 | MRP-227, Rev. 1 Presentation Slides, Westinghouse Figures Presented at Public Meeting on March 31, 2015 (Feb. 2015)  | 08/10/2015 |

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|           |        |   |            |
|-----------|--------|---|------------|
| NRC000212 | NYS-25 | R. Reed-Hill and R. Abbaschian, <i>Physical Metallurgy Principles</i> , Third Edition (1992)<br><b>(EXCERPT) (CONTAINS COPYRIGHTED MATERIAL)</b>  | 08/10/2015 |
| NRC000213 | NYS-25 | Letter from Christopher Grimes, Chief, NRC, to Douglas Walters, NEI, License Renewal Issue No. 98-0030, "Thermal Aging Embrittlement of Cast Austenitic Stainless Steel Components" (May 19, 2000)  | 08/10/2015 |
| NRC000214 | NYS-25 | Letter from John Lubinski, NRC, to Jean Smith, EPRI, 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)  | 08/10/2015 |
| NRC000215 | NYS-25 | Evaluation of WCAP-17780-P, "Reactor Internals Aging Management MRP-227-A Applicability for Combustion Engineering [(CE)] and Westinghouse [Electric Company (Westinghouse)] Pressurized Water Reactor Designs," and MRP-227-A, Applicability Guidelines for CE and Westinghouse Pressurized Water Reactor Designs (Nov. 7, 2014) | 08/10/2015 |
| NRC000216 | NYS-25 | U.S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation Division of License Renewal Aging Management Audit Report (Oct. 6, 2014)<br><b>(PROPRIETARY)</b>  | 08/10/2015 |
| NRC000217 | N/A    | <b>EXHIBIT NOT USED</b>   | <b>N/A</b> |
| NRC000218 | NYS-25 | EPRI 1016106, Final Report, Materials Reliability Program: Fracture Toughness Evaluation of Highly Irradiated PWR Stainless Steel Internal Components (MRP-210) (Dec. 2007)<br><b>(COPYRIGHT)</b>   | 08/10/2015 |
| NRC000219 | NYS-25 | Westinghouse InfoGram IG-10-1, Reactor Internals Lower Radial Support Clevis Insert Cap Screw Degradation (Mar. 31, 2010)   | 08/10/2015 |



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| NRC000220                   | NYS-25                     | Pressurized Water Reactor Owners Group (PWROG) Presentation Slides, "Industry and NRC Coordination Meeting Materials Programs Technical Exchange: Clevis Insert Bolt Update," (June 2014)          | 08/10/2015 |
| NRC00221A<br>-<br>NRC00221F | NYS-25                     | Babcock & Wilcox Report, S-1473-002, Final Report, Rev. 0, Examination of Clevis Bolts Removed from D. C. Cook Nuclear Plant (Dec. 2013)   | 08/10/2015 |
| NRC000222                   | NYS-25                     | IP3 FSAR Rev. 04 Chapter 3 (2011) <b>(EXCERPT)</b>   | 08/10/2015 |
| NRC000223                   | NYS-25                     | IP3 FSAR Rev. 04 Chapter 14 (2011)   | 08/10/2015 |
| NRC000224                   | NYS-25                     | IP3 FSAR Rev. 04 Chapter 16  | 08/10/2015 |
| NRC00225A<br>-<br>NRC00225B | NYS-25                     | EPRI 1016593, Final Report, Materials Reliability Program: Aging Management Strategies for Westinghouse and Combustion Engineering PWR Internals (MRP-232) (Dec. 31, 2008)<br><b>(PROPRIETARY)</b> | 08/10/2015 |
| NRC000226                   | NYS-25<br>NYS-38           | Jeffrey C. Poehler Statement of Professional Qualifications  | 08/10/2015 |
| NRC000227                   | NYS-25<br>NYS-26<br>NYS-38 | Gary Stevens Statement of Professional Qualifications  | 08/10/2015 |
| NRC000228                   | NYS-25                     | Indian Point Unit 2 Technical Specifications 3.1.4   | 08/10/2015 |
| NRC000229                   | NYS-25                     | Indian Point Unit 3 Technical Specifications 3.1.4   | 08/10/2015 |
| NRC000230                   | NYS-25<br>NYS-26<br>NYS-38 | Table of Corrections to Staff Testimony  | 11/03/2015 |

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|                  |                  |  |            |
|------------------|------------------|--|------------|
| <u>NRC000231</u> | NYS-25<br>NYS-38 | NRC Staff Testimony of Dr. Allen Hiser, Jeffrey Poehler, Dr. Ching Ng, and<br>On Yee Regarding NYS-25, NYS-26B, and NYS-38/RK-TC-5<br><br><b>(PROPRIETARY)</b>                           | 03/18/2016 |
| <u>NRC000231</u> | NYS-25<br>NYS-38 | NRC Staff Testimony of Dr. Allen Hiser, Jeffrey Poehler, Dr. Ching Ng, and<br>On Yee Regarding NYS-25, NYS-26B, and NYS-38/RK-TC-5<br><br><b>(PUBLIC, REDACTED)</b>                      | 03/18/2016 |
| <u>NRC000232</u> | NYS-25<br>NYS-38 | BWRVIP-99-A, Final Report, Crack Growth Rates in Irradiated Stainless Steels<br>in BWR Internal Components (Oct. 2008) <b>(PROPRIETARY) (EXCERPT)</b>                                    | 03/18/2016 |
| <u>NRC000233</u> | NYS-25<br>NYS-38 | BWRVIP-99, Final Report, BWR Vessel and Internals Project Crack Growth<br>Rates in Irradiated Stainless Steels in BWR Internal Components. (Dec. 2001)<br><b>(PROPRIETARY) (EXCERPT)</b> | 03/18/2016 |
| <u>NRC000234</u> | NYS-25<br>NYS-38 | BWRVIP-14-A, Final Report, BWR Vessel and Internals Project, Evaluation of<br>Crack Growth in BWR Stainless Steel RPV Internals (Sept. 2008)<br><b>(PROPRIETARY) (EXCERPT)</b>           | 03/18/2016 |
| <u>NRC000235</u> | NYS-25<br>NYS-38 | EPRI MRP 2-14-002, Proposed Edits to WCAP-17096-A Draft (Jan. 16, 2014)  | 03/18/2016 |
| <u>NRC000236</u> | NYS-25<br>NYS-38 | Crack Growth Rate Comparison – Eason-Pathania Model to MRP Model- Excel<br>Spreadsheet   | 03/18/2016 |