

**RESPONSE TO FREEDOM OF
INFORMATION ACT (FOIA) / PRIVACY
ACT (PA) REQUEST**

2001-0256

7

RESPONSE
TYPE☐

FINAL

☒

PARTIAL

REQUESTER

Thomas C. Pondexter, Esq.

DATE

DEC 05 2001

PART I. -- INFORMATION RELEASED

- ☐ No additional agency records subject to the request have been located.
- ☐ Requested records are available through another public distribution program. See Comments section.
- ☐ **APPENDICES**
Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- ☒ **APPENDICES**
J Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- ☐ Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- ☒ **APPENDICES**
J Agency records subject to the request are enclosed.
- ☐ Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- ☒ We are continuing to process your request.
- ☐ See Comments.

PART I.A -- FEES

AMOUNT *

\$

* See comments
for details☐

You will be billed by NRC for the amount listed.

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None. Minimum fee threshold not met.

☐

You will receive a refund for the amount listed.

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Fees waived.

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- ☐ No agency records subject to the request have been located.
- ☐ Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- ☐ This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

PART I.C COMMENTS (Use attached Comments continuation page if required)

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Carol Ann Reed

APPENDIX J
RECORDS BEING RELEASED IN THEIR ENTIRETY

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1.	04/03/97	Handwritten Telecon Summary re IP-2 (2 pages) Item 2
2.	04/07/97	E-mail C. Beardslee, NRR, to S. Coffin, NRR, Re: Indian Point, 2 SG Inspection Plan-Forwarded (1 page) Item 2
3.	04/24/97	Telephone Call Summary by J. Tsao, NRR (2 pages) Item 2
4.	06/22/00	E-mail W. Shack, Argonne National Laboratory (ANL), to J. Muscara, RES, S. Coffin, NRR, Re: Indian Point 2 w/attached 03/27/00 Memo S. Bakhtiari, ANL, to J. Muscara, RES (10 pages) Item 2
5.	Undated	Note to Editors: Announcement of NRC issuance of special inspections preliminary findings with notes (1 page) Item 3
6.	Undated	Indian Point 2 - Steam generator special inspection - Communication Plan, Questions and Answers (11 pages) Item 3
7.	Undated	Communications summary for final significance determination & notice of violation (NRC Inspection Report 05000247/2000-006) (21 pages) Item 3
8.	Undated	Summary of findings, Indian Point 2 Nuclear Power Plant, NRC Inspection Report 05000247/2000-007 (2 pages) Item 3
9.	Undated	Draft Memo S. Long, NRR, to R. Barrett, NRR, Re: Risk Assessment for Condition of Indian Point Unit 2 Steam Generator Tubes During Operational Cycle 14 (8 pages) Items 3, 5
10.	Undated	Untitled paragraph concerning risk at IP3 if the 3 x delta-P criterion is met. Contains hand-written notes by S. Long, NRR (1 page) Items 3, 5
11.	Undated	Another version of the S Long, NRR, "PR paragraph.wpd file containing handwritten marginal comments by S. Long, NRR (1 page) Items 3, 5
12.	Undated	Hard copy of file named "IP2 anonymous question 4.wpd" with hand-written marginal notes by S. Long, NRR (2 pages) Items 3, 5
13.	Undated	Handwritten notes: Op Center Event Chronology for the SFTF event at IP 2 (S. Long, NRR) (3 pages) Items 3, 5
14.	Undated	Handwritten notes: POD (S. Long, NRR) (1 page) Items 3, 5
15.	Undated	Table 3.4-5 (cont), Listing of Core Damage Sequences that Contribute to Containment Failure Plant Damage States w/marginal notes (S. Long, NRR) (1 page) Items 3, 5
16.	02/29/00	Handwritten notes: IP2 Telecon w/Licensee (pre pub mtg) (S. Long, NRR) (1 page) Items 3, 5

17. 03/17/00 Fax S. Long, NRR, to P. Ellison, INEEL, transmitting copy of the UCS *et al* petition with S. Long's handwritten comments (6 pages) **Items 3, 5**
18. 03/17/00 S. Long, NRR, computer file named "Petition item 2 issue.wpd" (1 page) **Items 3, 5**
19. 03/22/00 Draft typed notes "The following is a list of information EMCB expects to receive from the licensee supplementing information...(3 pages) **Item 3**
20. 03/22/00 Draft typed notes "The following is a list of information EMCB expects to receive from the licensee to support development...(3 pages) **Item 3**
21. 04/14/00 Westinghouse Presentation to Con Edison on Status of Steam Generator Conditioning Monitoring & Operational Assessments of Indian Point 23 pages) **Item 3**
22. 04/18/00 Handwritten notes: Telecon with IP2 (S. Long, NRR) (2 pages) **Items 3, 5**
23. 04/19/00 E-mail E. Sullivan, NRR, to E. Murphy, NRR, Re: Root Cause Evaluation (1 page) **Item 3**
24. 04/25/00 S. Long, NRR, computer file named "Risk Ass insert.wpd" (1 page) **Items 3, 5**
25. 04/27/00 Draft segments of various Sections of RAI (3 pages) **Item 3**
26. 04/27/00 Handwritten notes: IP2 Conf Call (S. Long, NRR) (1 page) **Items 3, 5**
27. 05/16/00 Profiles of Tube r34c51 of Steam Generator 22 (C. Dodd, NRC Consultant) (6 pages) **Items 3, 11**
28. 07/19/00 S. Long, NRR, computer file named "risk para on 3dp" (1 page) **Items 3, 5**
29. 07/20/00 S. Long, NRR, computer file named "risk para on 3dp rev1.wpd" (1 page) **Items 3, 5**
30. 08/01/00 S. Long, NRR, computer file named "SDP risk assess"[Memo from R. Barrett, NRR, to A. Blough, RI (8 pages) **Items 3, 5**
31. 08/24/00 S. Long, NRR, computer file named "Commun Plan QA.wpd" [Question: What is the difference between the NRC's risk assessment & the one produced by the Con Ed?] (1 page) **Items 3, 5**
32. 08/24/00 S. Long, NRR, computer file named "slides for CA brief.wpd" (4 pages) **Items 3, 5**
33. 09/27/00 E-mail from E. Adensam, NRR to A. Madison, E. Murphy, J. Strosnider, J. Zwolinski, NRR, subject "Support at IP2 Regulatory Conference" (1 page) **Items 3, 5**

34. 09/27/00 E-mail from J. Parry, Con Ed, to J. Trapp, RI, Re: SGTF Calculation w/ attached file "IP2 SGTL post RC Risk assessment.wpd" (4 pages) **Items 3, 5**
35. 10/20/00 Draft notes: "The licensee's risk assessment consists of two components." (1 page) **Item 3**
36. 10/23/00 S. Long, NRR computer file named "Final risk assessment.wpd" labeled "Draft 10/23/00 3:00 pm, Significance Determination Risk Assessment for Indian Point ...Review of Licensee Response to Initial Significance Determination & Final Staff Analysis" but apparently revised as of 10/24/00 at 10:04 am (9 pages) **Items 3, 5**
37. 10/24/00 Draft Significance Determination Risk Assessment for Indian Point Unit 2 Steam Generator Inspection Findings - Review of Licensee Response to Initial Significance Determination and Final Staff Analysis," 12:30 pm, [Includes hand-written marginal notes by S. Long, NRR (10 pages) **Items 3, 5**
38. 11/2/00 S. Long, NRR computer file named "Final risk assessment rev1.wpd" labeled "Draft 10/29/00 1:00 pm, Significance Determination Risk Assessment for Indian Point Unit 2 Steam Generator Inspection Findings - Review of Licensee Response to Initial Significance Determination and Final Staff Analysis" (11 pages) **Items 3, 5**
39. 11/16/00 S. Long, NRR, computer file named "Diaz brf sld.wpd" [Accident Sequences of Interest for Risk Assessments w/Degraded Steam Generator Tubes (1 page) **Items 3, 5**
40. 11/16/00 S. Long, NRR, computer file named "PR paragraph.wpd" (2 pages) **Items 3, 5**
41. 12/18/00 E-mail S. Long, NRR, to B. Holian, RI, subject "Con Ed Appeal Date" (1 page) **Items 3, 5**
42. 12/18/00 E-mail S. Long, NRR to B. Holian, RI , subject "Re: Con Ed appeal Date" (1 page) **Items 3, 5**
43. 12/21/00 E-mail S. Long, NRR, to B. Holian, RI, subject "IP2 Event CCDPs Combined" (1 page) **Items 3, 5**
44. 12/21/00 E-mail S. Long, NRR, to R. Barrett, NRR, "Fwd: IP2 Event CCDPs Combined" (1 page) **Items 3, 5**
45. 01/02/01 E-mail S. Long, NRR, to P. O'NEILL and S. Weerakkody, RES, subject "Combination of IP2 and LOSP and SGTR Events" (2 pages) **Items 3, 5**
46. 01/03/01 E-mail S. Long, NRR, to B. Holian, RI, subject "IP2 Appeal Deadline?" (1 page) **Items 3, 5**
47. 01/10/01 S. Long, NRR, computer file named "SDP glitches" (1 page) **Items 3, 5**

48. 01/19/01 Ltr Con Ed to NRC, Re: Reply to a Notice of Violation-NRC Insp Rpt 2000-010 w/S. Long, NRR marginal notes (34 pages) **Items 3, 5**
49. 01/23/01 S. Long, NRR, computer file named "mc0609 final.wpd" containing a document titled "NRC Inspection Manual Chapter 0609 Significance Determination Process" provided by NRR/DIPM/IIPB (9 pages) **Items 3, 5**
50. 01/23/01 S. Long, NRR, computer file named "0609 A final.wpd" containing a document titled "Appendix A Significance Determination of Reactor Inspection Findings for At-Power Situations," draft document provided by NRR/DIPM/IIPB (35 pages) **Items 3, 5**
51. 01/23/01 E-mail S. Long, NRR, to P. O'NEILL and S. Weerakkody, RES, subject "Partial Draft of Answer to IP2 Anonymous Qs" (1 page) with attachment "Anonymous Q answer.wpd" (2 pages)
52. 01/29/01 Indian Point 2 Response to Violation 50-247/2000-10, Con Ed Letter, Appendix B (3 pages) **Item 3**
53. 02/02/01 E-mail T. Frye, NRR, to S. Long, NRR, subject "IP2 Question 4" (1 page) with attached WordPerfect file named "IP2 anonymous question 4.wpd" (2 pages) **Items 3, 5**
54. 02/06/01 E-mail S. Long, NRR, to T. Frye, NRR, subject "Re: IP2 Question 4" with attachment "Anonymous Q answer.wpd" (4 pages) **Items 3, 5**
55. 02/07/01 E-mail S. Long, NRR, to P. Milano and T. Frye, NRR, subject "Re: IP2 question 4" with attached files "IP2 Anonymous question 4.wpd" and "Anonymous Q answer.wpd" (5 pages) **Items 3, 5**
56. 02/09/01 E-mail T. Frye, NRR to D. Coe, P. Koltay, and S. Long, NRR, subject "SDP and IP2" (1 page) **Items 3, 5**
57. 02/13/01 E-mail S. Long, NRR, to D. Coe, NRR, subject "Re: SDP and IP2" (3 pages) **Items 3, 5**
58. 02/13/01 E-mail T. Frye, NRR to S. Long, NRR, subject "Revised writeup for Q4 for IP2" (1 page) with attached WordPerfect file named "IP2 anonymous question4 - rev 1.wpd" (2 pages) **Items 3, 5**
59. 02/13/01 S. Long, NRR computer file named "combined failure cutset example.wpd" (1 page) **Items 3, 5**
60. 02/15/01 E-mail P. Milano, NRR to S. Long, NRR, subject "IP2 Questions" (1 page) **Items 3, 5**
61. 02/15/01 E-mail T. Frye, NRR to P. Milano, NRR, subject "IP2 question 4" (1 page) with attached WordPerfect file named "IP2 anonymous question 4 - rege1.wpd" (2 pages) **Items 3, 5**
62. 02/15/01 E-mail P. Milano, NRR to T. Frye, NRR, subject "Re: IP2 question 4" (1 page) **Items 3, 5**

63. 02/28/01 E-mail S. Long, NRR, to T. Frye, NRR, subject "Re: Revised writeup to Q4 for IP2" (1 page) **Items 3, 5**
64. 03/01/01 E-mail T. Frye, NRR, to D. Coe and S. Long, NRR, subject "Re: Revised writeup to Q4 for IP2" (1 page) **Items 3, 5**
65. 03/05/01 E-mail S. Long, NRR, to S. Weerakkody, RES, subject "Re: Write-up" (1 page) **Items 3, 5**
66. 03/05/01 E-mail S. Long, NRR, to P. Milano, NRR, subject "Answer to Anonymous Question #1" (1 page) with attached WordPerfect file named "Answer to Anonymous Question #1" (2 pages) **Items 3, 5**
67. 03/07/01 E-mail D. Coe, NRR, to G. Parry, P. Koltay, P. Wilson, S. Long, and T. Frye, NRR subject "Re: How to handle SDP for concurrent reactor safety inspection findings" (1 page) **Items 3, 5**
68. 03/26/01 E-mail S. Long, NRR, to P. Wilson, NRR, subject "Analysis of IP2 SGTF Event" (1 page) **Items 3, 5**
69. 03/27/01 E-mail S. Long, NRR, to P. Milano, NRR, subject "Re: Help on Question 1" (1 page) **Items 3, 5**
70. 03/28/01 E-mail S. Long, NRR, to P. Milano, NRR, subject "Clarified Q1 paragraph" (1 page) with attachment WordPerfect file named "Q1 temp rev.wpd" (1 page) **Items 3, 5**
71. 03/28/01 S. Long, NRR, computer file named "Anonymous Q Answer rev1.wpd"(2 pages) **Items 3, 5**
72. 03/29/01 E-mail S. Long, NRR, to P. Milano, NRR, subject "Latest try at Q1" with attached wp file named "Q1 temp rev2.wpd" (2 pages)
73. 04/12/01 S. Long, NRR, computer file named "Q1 temp Dean rev.wpd" (1 page) **Items 3, 5**
74. 04/12/01 E-mail P. Milano, NRR to S. Long, NRR, subject "Answers to Qs" with attached WordPerfect file named "IP2answe.wpd" (10 pages) **Items 3, 5**
75. 06/19/01 E-mail P. Milano, NRR to D. Coe., M. Johnson, and S. Long, NRR, subject "IP2 - QUESTIONS FROM STAFF" (1 page) **Items 3, 5**
76. 06/20/01 E-mail S. Long, NRR to M. Johnson, NRR, subject "4th try at Q1 Response" (1 page) with attached WordPerfect file named Q1 temp rev3.wpd" (1 page) **Items 3, 5**
77. 06/25/01 E-mail M. Johnson, NRR to R. Correia, NRR, subject "Re: Fwd: 4th try at Q1 Response" (1 page) with attached document named "mikes revision to Q1 Response" (1 page) **Items 3, 5**
78. 06/25/01 E-mail S. Long, NRR, to M. Johnson, NRR, subject "Re: Fwd: 4th try at Q1 Response" (1 page) with attached file named "Q1 temp rev4.wpd" (1 page) **Items 3, 5**

79. Undated Indian Point Unit 2 steam generator history (2 pages) **Item 4**
80. 04/19/99 Memo E. Sullivan, NRR, to S. Bajwa, NRR, Re: Request for additional information - regarding Indian Point Nuclear Station Unit 2 steam generator inspection interval (TAC No. MA4526) (3 pages) **Item 4**
81. 02/28/00 Memo S. Collins, NRR, to A. Thadani, RES, Request for independent reviews of May 26, 1999, safety evaluation regarding steam generator tube inspection interval and February 13, 1995, safety evaluation regarding F* repair criteria for Indian Point Station Unit 2 (66 pages) **Item 4** ~~XXXXXXXXXXXXXXXXXXXX~~
82. Undated Questions and answers related to issuance of the Indian Point 2 steam generator tube failure Lessons-Learned Report (10 pages) **Item 5**
83. Undated TS-TRM (tech reqmt manual) under II (2 pages)
84. Undated IP2 Steam Generator Tube Failure Lessons-Learned Task Group Report References Chart (12 pages) **Item 5**
85. Undated Draft-Attachment 7111.08, Inservice Inspection Activities-Steam Generator (8 pages) **Item 5**
86. Undated Analysis of Procedure 7111.08, Inservice Inspections (6 pages) **Item 5**
87. Undated Guidance to Inspectors on Overseeing Facilities with Known Steam Generator Tube Leakage (10 pages) **Item 5**
88. Undated Steam Generator Issues Under the ROP (1 page) **Item 5**
89. Undated IP-2 SG Tube Rupture (5 pages) **Item 5**
90. Undated Meeting Agenda for Steam Generator (SG) Performance Indicator (PI) (1 page) **Item 5**
91. Undated Chart: Treatment of SG Issues in the ROP (1 page) **Item 5**
92. Undated Action Items & Relevant References (6 pages) **Item 5**
93. Undated Flowchart: Steam Generator Tube Integrity Oversight Process (1 page) **Item 5**
94. 02/14/00 Memo J. Strosnider, NRR, to B. Boger, NRR, Re: Proposed Steam Generator Tube Integrity Performance Indicator (5 pages) **Item 5**
95. 03/20/00 Memo S. Collins, NRR, to F. Miraglia, NRR, Lessons-Learned evaluation from Indian Point Station Unit 2 failure event (3 pages) **Item 5**
96. 05/24/00 Memo S. Collins, NRR, to W. Travers, EDO, Re: Indian Point Unit 2 Steam Generator Tube Failure Lessons-Learned Task Group & Charter (6 pages) ~~XXXXXXXXXXXXXXXXXXXX~~ **Item 5**
97. 06/12/00 Draft list of tasks for Task Group (2 pages) **Item 5**

98. 06/20/00 Task Group Notes - Discussion with J. Muscara, RES (2 pages) **Item 5**
99. 06/26/00 Task Group Notes - Discussion with T. Collins/R. Barrett, NRR (1 page) **Item 5**
100. 06/27/00 Task Group Notes - Discussion with A. Keim, NRR (3 pages) **Item 5**
101. 06/29/00 Task Group Notes - Discussion with J. Harold, RIII (2 pages) **Item 5**
102. 06/29/00 Task Group Notes - Discussion with E. Murphy, NRR (5 pages), **Item 5**
103. 06/30/00 E-mail R. Ennis, NRR, to IP2 Lessons-Learned Task Group, Re: Discussions with Andrea, Emmett, and Jeff (1 page) **Item 5**
104. 07/05/00 Task Group Notes - Discussion with J. Strosnider, NRR (5 pages) **Item 5**
105. 07/05/00 Task Group Notes - Discussion with J. Zwolinski, NRR (2 pages) **Item 5**
106. 07/06/00 E-mail R Ennis, NRR, to IP2 Lessons Learned Task Group, Re: Discussions with Emmett & Jeff (11 page) **Item 5**
107. 07/13/00 Slides: IP2 Steam Generator-Tube Failure Lessons Learned Task Force, Approach & Outputs (8 pages) **Item 5**
108. 07/17/00 Task Group Notes - Discussion with B. Weisman, OGC (2 pages) **Item 5**
109. 07/19/00 Task Group Notes - Discussion with J. Flack/J. Ridgely, RES (1 page) **Item 5**
110. 07/19/00 Task Group Notes - Discussion with S. Coffin, NRR (4 pages) **Item 5**
111. 07/19/00 Task Group Notes - Discussion with G. Holahan, NRR (2 pages) **Item 5**
112. 07/20/00 Task Group Notes - Discussion with members of Region I office (5 pages). **Item 5**
113. 07/20/00 July 20 and 21, 2000, Visit to Region I-Areas & Interviews (2 pages) **Item 5**
114. 07/28/00 Lessons Learned for Utilities and NDE Inspectors (from C. Dodd, NRC Consultant) (6 pages) **Item 5**
115. 07/31/00 E-mail M. Banerjee, NRR, to P. Milano, NRR, Re: IP2 Requests for Exemption/Extension on SG Since 1995 (1 page) **Item 5**
116. 07/31/00 Task Group Notes - Discussion with I. Barnes, NRC (2 pages) **Item 5**
117. 08/01/00 Task Group Notes - Discussion with members of Region I office (5 pages) **Item 5**
118. 08/02/00 Task Group Notes - Discussion with A. Thadani, RES (1 page) **Item 5**

119. 08/09/00 Task Group Notes - Discussion with M. Mayfield, RES (2 pages) **Item 5**
120. 08/10/00 Task Group Notes - Discussion with B. Dean, NRR (2 pages) **Item 5**
121. 08/11/00 Task Group Notes - Discussion with R. Perch, NRR (1 page) **Item 5**
122. 08/17/00 Draft 1 of Lessons-Learned Report (100 pages) **Item 5**
123. 08/21/00 E-mail R. Ennis, NRR, to IP2 Lessons-Learned Task Group Re: Revised Task Group Notes (9 pages) **Item 5**
124. 08/29/00 Task Group Notes - Discussion with Con Ed and Westinghouse (7 pages) **Item 5**
125. 09/08/00 Draft 2 of Lessons-Learned Report (119 pages) **Item 5**
126. 09/13/00 E-mail S. Malur, NRR, to W. Dean, NRR, Re: SG Inspection Conference Call (1 page) **Item 5**
127. 09/22/00 Draft 3 of Lessons-Learned Report (132 pages) **Item 5**
128. 09/29/00 Draft 4 of Lessons-Learned Report (136 pages) **Item 5**
129. 10/03/00 Draft 5 of Lessons-Learned Report (142 pages) **Item 5**
130. 10/10/00 Comments on the IP-2 Lessons Learned Report (5 pages) **Item 5**
131. 10/17/00 Draft 6 of Lessons-Learned Report (144 pages) **Item 5**
132. 10/18/00 Briefing for NRR Office Director - Indian Point Unit 2 Steam Generator Tube Failure Lessons Learned Task Group (21 pages) **Item 5**
133. 10/23/00 IP-2 SG Tube Failure Lessons Learned Report, 8.2 NRC Oversight Process & Inspection Program (10 pages) **Item 5**
134. 10/26/00 Staff Meeting Summary Re: Revisions to Baseline & Supplementary Procedures for ISI (1 page) **Item 5**
135. 11/13/00 Slides: Steam Generator Issues (DE) (6 pages) **Item 5**
136. 11/15/00 E-mail J. Strosnider, NRR, to D. Coe, F. Reinhart, F. Gillespie, NRR, Re: Fwd: Draft-IPS Finding and NOV (1 page) **Item 5**
137. 12/06/00 Slides: Steam Generator Action Plan-Briefing for Commissioners w/attached Task Group Evaluation of OIG Report Findings (22 pages) **Item 5**
138. 12/06/00 Slides: Indian Point 2 Event Communication Planning-Briefing for Commissioners (6 pages) **Item 5**
139. 12/07/00 Slides: Steam Generator Tube Integrity-Presentation to Commissioners (50 pages) **Item 5**

140. 12/08/00 Steam Generator Action Plan Status (7 pages) **Item 5**
141. 01/09/01 Draft Meeting Agenda for Steam Generator (SG) Performance Indicator (PI) (3 pages) **Item 5**
142. 01/10/01 E-mail J. Strosnider, NRR, to B. Bateman, C. Khan, NRR, Re: 1/17 Draft SG PI Meeting Agenda (2 pages) **Item 5**
143. 01/16/01 E-mail C. Khan, NRR, to D. Hickman, D. Coe, E. Sullivan, NRR, Re: SG Action Plan Items (1 page) **Item 5**
144. 01/16/01 Slides: Steam Generator (SG) Inspections-DRS/DRP Counterparts Meeting (7 pages) **Item 5**
145. 01/23/01 Meeting Agenda for Steam Generator (SG) Performance Indicator (PI) 2 pages) **Item 5**
146. 02/13/01 Slides: Steam Generator Action Plan Resource Estimates for NRR for FY 2001-Briefing for NRR Leadership Team (6 pages) **Item 5**
147. 02/16/01 E-mail W. Dean, NRR, to S. Malur, NRR, Re: ET Briefing-SG Action Plan Status (2 pages) **Item 5**
148. 03/08/01 Draft Discussion Points for Chairman Pre-Brief for IP2 Site Visit w/background info (20 pages) **Item 5**
149. 04/04/01 Slides: Steam Generator Action Plan-Briefing for OIG (10 pages) **Item 5**
150. 04/30/01 Memo J. Strosnider, NRR, to B. Sheron, W. Borchardt, NRR, Re: Steam Generator Action Plan Item 1.11A (4 pages) **Item 5**
151. 10/12/01 Memo M. Johnson & R. Barrett, NRR, to B. Sheron, NRR, Re: Response to Questions Regarding August 1999 & February 2000 Events, Indian Point(TAC No. MB0193) (11 pages) **Item 5**
152. Undated Questions and answers related to issuance of the staff review of OIG Report on the NRC's response to the steam generator tube failure at Indian Point 2 and related issues (20 pages) **Item 6**
153. Undated Rebuttal to OIG Report - Emmett L. Murphy, EMCBC, NRR (5 pages) **Item 6**
154. 07/28/00 Rebuttal to Item Number 1, Review of Tube R2C67 from 1997 Data and the Effect of Noise (from C. Dodd, NRC Consultant) (3 pages) **Item 6**
155. 06/00 Charts: POD vs Burst Effective Crack Area Study (10 pages) **Item 8**
156. Undated Table: Westinghouse Depth Profiles vs Dodd's Profiles (1 page) **Item 9**
157. Undated Profile of Indian-Point Cracks Based on 1997 Mid-Range Data (C. Dodd, NRC Consultant) (6 pages) **Item 9**

158. Undated Phase Settings between 1997 and 2000 (C. Dodd, NRC Consultant) (4 pages)
159. Undated Comparison of tube scans before & after pressure testing (C. Dodd, NRC Consultant) (3 pages) **Item 9**
160. Undated Settings for the tube calibration (C. Dodd, NRC Consultant) (8 pages) **Item 9**
161. Undated Tube R2C69, SG24, High Frequency Probe (C. Dodd, NRC Consultant) (4 pages) **Item 9**
162. 04/20/00 E-mail C. Dodd, NRC Consultant, to E. Murphy, S. Coffin, NRR, Re: IP5 Report (10 pages) **Item 9**
163. 06/28/00 Charts: Voltage/Max Depth (Crack Depth vs Voltage Study) (8 pages) **Item 10**
164. 06/01/00 E-mail E. Sullivan, NRR, to E. Murphy, NRR, Re: Summary from last week-Draft (Inspection Report input from May 24 & 25, 2000 at Waltz Mill (2 pages) **Item 11**
165. 03/18/00 E-mail C. Dodd, NRC Consultant, to E. Murphy, S. Coffin, NRR, Re: Effect of Copper Plating (5 pages) **Item 12**
166. 05/01/00 E-mail C. Dodd, NRC Consultant, to L. Dudes, RI, Re: Old IP Reports (7 pages) **Item 12**
167. 05/01/00 Scans on Calibration Standards (from C. Dodd, NRC Consultant) (4 pages) **Item 12**
168. 05/09/00 Signal to Noise Measurements Made in the Sludge Pile Region (from C. Dodd, NRC Consultant) (2 pages) **Item 12**
169. 05/19/00 The Judas Tube Program (from C. Dodd, NRC Consultant) (2 pages) **Item 12**
170. 06/01/00 E-mail C. Dodd, NRC Consultant, to S. Coffin, NRR, Re: U-Bend Tubes with Cracks (9 pages) **Item 12**
171. 06/13/00 Review of Plus-Point with Ceramic Wear-Face (from C. Dodd, NRC Consultant) (3 pages) **Item 12**
172. 07/07/00 List of the Defective Tubes U-Bend and When they were Detected (from C. Dodd, NRC Consultant) (1 page) **Item 12**
173. 07/10/00 E-mail C. Dodd, NRC Consultant, to E. Murphy, NRR, Re: Indian Point Crack Growth (13 pages) **Item 12**
174. 07/10/00 Growth Studies for Indian Point 2 Steam Generator U-Bend Defects (9 pages) **Item 12**

- 175. 07/13/00 Effect of Wall Thinning on Defect Depth Measurement (from C. Dodd, NRC Consultant) (2 pages) **Item 12**
- 176. 07/17/00 Probe and Noise Considerations for Indian Point 2 (2 pages) **Item 12**
- 177. 08/01/00 E-mail C. Dodd, NRC Consultant, to E. Murphy, NRR, Re: Profile of Tube 2-67 (9 pages) **Item 12**
- 178. 08/03/00 PWSCC in U-Bends at Indian Point (from C. Dodd, NRC Consultant) (4 pages) **Item 12**
- 179. 08/10/00 Review of Indian Point (from C. Dodd, NRC Consultant) (6 pages) **Item 12**
- 180. 08/24/00 OD Notches Measured with the Midrange & High-Frequency Probes (from C. Dodd, NRC Consultant) (4 pages) **Item 12**
- 181. 04/01/00 E-mail C. Dodd, NRC Consultant, to ANEFF, Prodigy, Re: Tubes with Long Indications (7 pages) **Item 14**
- 182. Undated Note B. Sheron, NRR, to S. Collins, NRR, Re: Indian Point 2 restart review status (2 pages) **Item 15**
- 183. Undated 10 CFR 2.206 process outline - petition Indian Point 2 restart (3 pages) **Item 15**
- 184. Undated Indian Point 2 - 10CFR2.206 decision bases (1 page) **Item 15**
- 185. Undated Conditions that must be satisfied to operate steam generators (8 pages) **Item 15**
- 186. Undated Indian Point 2 restart - Sequence of NRC activities (2 pages) **Item 15**
- 187. 07/31/99 Slides: Public Meeting with ConEd: NRC Concerns Relating to Steam Generators at Indian Point Unit 2, E. Murphy (9 pages) **Item 15**
- 188. 04/13/00 Note M. Gamberoni, NRR, to Executive Team, Indian Point 2 technical specifications and restart approval (1 page) **Item 15**
- 189. 05/18/00 E-mail J. Strosnider, NRR, to D. Stellfox, Voluntary industry initiatives/Indian Point 2 (1 page) **Item 15**
- 190. 06/19/00 Slides: Indian Point Unit 2 - NRC public meeting (19 pages) **Item 15**
- 191. 06/28/00 Charts: Voltage/Burst Pressure Study (7 pages) **Item 15**
- 192. 07/26/00 Slides: Issues-Draft SE (6 pages) **Item 15**
- 193. 08/22/00 Slide: Safety Evaluation Process (1 page) **Item 15**
- 194. 09/07/00 Draft Safety Evaluation (August 21, 2000), Version 5, Restart of IP2 Following Steam Generator Tube Failure...(65 pages) **Item 15**

195. 09/08/00 Draft Safety Evaluation (August 21, 2000), Version 6, Restart of IP2 Following Steam Generator Tube Failure...(43 pages) **Item 15**
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197. 10/07/98 Slides: NRC Staff Perspective on NEI 97-06, NRC/NEI Technical Issues Meeting (28 pages) **Item 21**
198. 05/08/01 Inspection Interval Issue (2 pages) **Item 22**
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209. 07/19/99 E-mail S. Long, to B. Bateman, E. Sullivan, E. Murphy, NRR, Re: Accident Leakage Reviewer's Note (1 page) **Item 23**
210. 07/29/99 E-mail K. Thomas to B. Bateman, E. Sullivan, E. Murphy, NRR, Re: Latest from NEI on S/G TS/TRM (1 page) **Item 23**
211. 08/05/99 Talking Points for 8/5/99 Conference Call (1 page) **Item 23**
212. 08/05/99 Structural Performance Criteria Issue (5 pages) **Item 23**