

PDR-016



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

AUG 7 1984

Lynne Bernabei, Esquire  
Mr. Thomas Henderson, Jr.  
Government Accountability Project  
1901 Que Street, NW  
Washington, DC 20009

IN RESPONSE REFER  
TO FOIA-84-205

Dear Ms. Bernabei and Mr. Henderson:

This is in response to your letter dated March 21, 1984, in which you requested, pursuant to the Freedom of Information Act (FOIA), copies of all records relevant to and/or generated in connection with the NRC Construction Assessment Team (CAT) inspection that began in February 1984 at Waterford Unit 3 and report of that inspection. This is also in response to your organization's letter dated July 20 appealing NRC's lack of response to your initial FOIA request.

The NRC made the relevant CAT inspection report, which was completed in May 1984, available at the NRC Public Document Room (PDR) under PDR accession number 8405310246. The NRC made the voluminous records subject to your request, with the exception of the records identified on enclosed Appendix C, available for your inspection at one of NRC's offices in Bethesda during the week of July 9. At that time, Mr. Henderson selected certain records which we anticipated placing in the PDR for your further inspection and copying. However, during a telephone conversation between Ms. Bernabei and Linda Robinson on July 20, the scope of your request was narrowed to a smaller number of records listed in Ms. Bernabei's July 23 letter and selected by Mr. Henderson during a subsequent visit on July 24. A copy of the excerpted list, which we have entitled "Appendix A", is enclosed. As agreed, we are enclosing copies of the records identified on this list, with the exception of the records identified at number 16 which are discussed below.

In addition, we are placing copies of drafts of particular sections and the entire relevant inspection report, as identified on enclosed Appendix B, in the PDR for your inspection and copying. While these drafts are not subject to your request, the staff posed no objection to their release when informed of your expressed interest in them during telephone conversations with Ms. Robinson.

With regard to the records identified at number 16 on your list, this office recently learned that the records were inadvertently included among the records made available for your inspection. The records contain comments,

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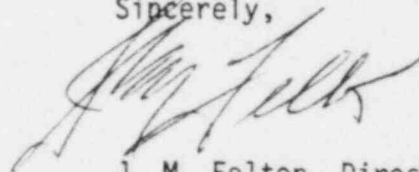
opinions, and recommendations of various staff offices on a draft Office of Inspector and Auditor (OIA) report on the quality assurance inspection program for construction. These records were prepared as part of the agency's deliberative process in determining appropriate actions with regard to implementation of the inspection program. Disclosure would inhibit the candid and frank exchange of communications in future agency deliberations and thus would not be in the public interest. Therefore, the information is being withheld from public disclosure pursuant to Exemption (5) of the FOIA (5 U.S.C. 552 (b)(5)) and 10 CFR 9.5 (a)(5). There are no reasonably segregable factual portions. Pursuant to 10 CFR 9.15 of the Commission's regulations, it has been determined that the information withheld is exempt from production or disclosure and that its production or disclosure is contrary to the public interest. The person responsible for this denial is Mr. George Messenger, Acting Director, OIA.

The records identified on enclosed Appendix C are also being withheld in their entirety. These records contain information which is confidential business (proprietary) information. This information is being withheld from public disclosure pursuant to Exemption (4) of the FOIA (5 U.S.C. 552 (b)(4)) and 10 CFR 9.5 (a)(4). Pursuant to 10 CFR 9.9 of the Commission's regulations, it has been determined that the information withheld is exempt from production or disclosure and that its production or disclosure is contrary to the public interest. The persons responsible for this denial are the undersigned and Mr. Richard C. DeYoung, Director, Office of Inspection and Enforcement.

These denials may be appealed to the Commission with regard to the records identified at number 16 on Appendix A or to the Commission's Executive Director for Operations with regard to the records identified on Appendix C within 30 days from receipt of this letter. Any such appeal must be in writing, addressed to either the Secretary of the Commission or to the Executive Director for Operations, as appropriate, U. S. Nuclear Regulatory Commission, Washington, DC 20555, and should clearly state on the envelope and in the letter that it is an "Appeal from an Initial FOIA Decision".

In view of the NRC's response to your FOIA request and the fact that you have new appeal rights, no further action is being taken on the July 20 letter.

Sincerely,



J. M. Felton, Director  
Division of Rules and Records  
Office of Administration

Enclosures: As stated

APPENDIX A

RECORDS PROVIDED DIRECTLY TO GAP

1. Enforcement violations, construction only;
2. Enforcement violations, all areas;
3. Ebasco QA organizational chart;
4. LP&L Quality Assurance Manual;
5. LP&L Audit Report W35-84-65;
6. Handling of Mercury NCR's for corrective action;
7. Noncompliances evaluation and recommendations;
8. Information request C.A.T. support-lists concerns of C.A.T. team people;
9. C.A.T. support information index;
10. Notes;

Package No. 2

11. Document deficiency reports;
12. QC materials receipt report Combustion Engineering (CE) low pressure safety injection pump (LPSI);
13. Discrepancy notice;
14. LPSI pump - certification of equipment;
15. CE document concerning LPSI pumps;

Package No. 3

- \* 16. Draft OIA report on construction QA program not dated; enclosure No. 1; QA inspections credited in audit report No. 2, June 13, \_\_\_\_\_, Startostuki to Grac OIA report on QA inspection program for construction, Enclosure A; B-QA interfaces with functional organizations; C-report to Congress on improving QA, Feb. 14, \_\_\_\_\_; No. 3-OIA report on construction QA program; No. 1-detailed comments on QA modules; No. 2-specific comments on draft OIA reports; No. 4-Region III comments on QA inspection for construction; No. 5-draft OIA report on QA inspection program for construction review and comments;

Item No. 8 (Package)

17. Material received inspection report prefab piping-reference QA deficiency 77-3-12;

APPENDIX A CONT'D

Package No. 10

18. Discrepancy notice-auxiliary cabinet relay panels 11-3-78;
19. Deficiency report closure and report 10-22-79, 10-18-79;
20. 10-23-79;
21. Discrepancy notice 11-2-78;
22. Nonconformance report (NCR) W3-115 R/1;
23. NCR W3-1116;

Package No. 15

24. Mercury NCR No. 3009 and attached packet OCR-1311;

Package No. 16

25. MRIR-3-16-79 prefabbed hanger assembly discrepancy report follows;

Package No. 20

26. Tompkins-Beckwith document order;
27. Deficiency report 10228;

Package No. 38

28. Information request C.A.T. support 2-17-84;
29. Ebasco letter of deficiency report;
30. LP&L turnover procedure-draft date 01-27-84 record and document turnover program-overview;
31. Gambit article commentary WTR III exchange of letters Hill-Leddick;
32. Sandvich papers;
33. Ebasco letter and attached NCR;

Loose at the end of box

34. Information request C.A.T. support;
35. Hand notes;
36. NCR W3 2195;

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Package No. 46

37. QC checklist;

Package No. 64

38. Mercury-mechanical inspection report QA material verification-weld data report;
39. QA report No. W3 QA-17508;
40. QA report No. W3 QA-18043;
41. QA report No. W3 QA-18328;

Package No. 76

42. Mercury QC NCR-2827 QC report;

Package No. 79

43. Discrepancy Notice 2-20-84;
44. Hand-written notes;

Package No. 81

45. U.S. Steel Corp. test reports;
46. Union Carbide test report;

Package No. 103

47. Mercury mechanical inspection report, page 1 of 4; 2 of 4;
48. QC weld data report;
49. Mercury MRMIR;
50. Mercury, page 3 or 4;
51. Mercury MVMIR;
52. Mercury QC NCR-1753;
53. Mercury QC NCR-1637;
54. Information request C.A.T. support 3-17-84;

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55. Hand-written notes;

Box No. 5 - Concrete Records

56. Memo 7-2-76, Griggs to Hartnett ref. NCR-W3-130; W3-131; W3-132; W3-136; W3-137; W3-138; W3-139; W3-141; and W3-142;
57. Discrepancy notice 8-10-76;
58. NCR W3-125;
59. Field change request;
60. Stop work order No. 1 issue 12-16-75, including site surveillance report;
61. Approved mix design WTR III;
62. Harstead Engineering Associates 1-9-84 document;
63. NCR JAJ-W3-582, add No. 1;
64. NCR W3-7355;
65. NCR W3-7423;
66. NCR W3-7150 (2 documents with same number);
67. NCR W3-7152;
68. NCR W3-7313;
69. NCR W3-7353;
70. NCR W3-7425;
71. NCR W3-123;
72. NCR W3-124;
73. NCR W3-125;
74. Concrete test record 12-22-75;
75. NCR W3-7153;
76. NCR W3-491-JAJ-W3-341;
77. NCR W3-92-JAJ-W3-56;

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- 78. NCR W3-102-JAJ-W3-64;
- 79. NCR-W3-145-JAJ-W3-73;
- 80. NCR W3-148-JAJ-W3-74;
- 81. NCR W3-242-JAJ-W3-145;

Auxiliary Building

- 82. NCR W3-1370-JAJ-W3-541;
- 83. NCR W3-304, Revision 1-JAJ-W3-195;
- 84. NCR W3-760-JAJ-W3-432;
- 85. NCR W3-758-JAJ-W3-425;
- 86. NCR W3-183-JAJ-W3-102;
- 87. NCR W3-371, Addendum JAJ-W3-204;

Shield Building

- 88. Ebasco response to C.A.T. audit item No. 13, hand-written;
- 89. NCR W3-2168;

CCW System Structures

- 90. Ebasco letter 7-7-77;
- 91. Ebasco letter 8-4-77;
- 92. Ebasco letter 9-17-77;
- 93. Peabody testing results and test results data;
- 94. Answer to C.A.T. audit ques. No. 14;
- 95. Field change request 5-9-77 FCR-CH-54;
- 96. Ebasco 7-7-77;

Cadweld Records

- 97. Hand-written notes on NCR-6234
- 98. NCR W3-6234;
- 99. NCR W3-634, attachment III, evaluation of recommended disposition by Essecivil. NCR #6234, attachment 1 thru 6 (VI);



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Cadwelds

100. NCR-5997 summary;
101. Hand notes on summary of issues NCR-5997;
102. NCR W3-5997;
103. Attachment I, detailed disruption of NCR W3-5997;
104. Attachment II, inspection reports for NCR W3-5997;
105. Attachment III, testfill-Ebasco Services documents;
106. Attachment IV, Engineering disposition of NCR W3-5997;

Waterford C.A.T. Background

107. 3-21-84;
108. 3-26-84, meeting Bethesda Landow Building;
109. Civil and Structural Construction concrete record-inspection scope;

Concrete Placement Packages

110. Concrete material testing OA-12-6752, field and lab inspection;
111. Notes on concrete pouring cadwelds and NCR's;
112. C.A.T. support information request;
113. Civil/structural task for C.A.T.;
114. FSAR-applicable codes, standards and specs (containment vessel);
115. FSAR-applicable codes, standards and specs (internal structures);
116. FSAR tables;
117. Engineering diagram-Auxiliary Building;
118. Engineering diagram-Siesmic Category 1-structural layout;
119. List of contractors;
120. Notes on 2-8-84 C.A.T. meeting on WTR;
121. More notes;
122. 1-31-84 items given to LP&L and its responses;



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123. Highlights of George Hill interview by NRC-01, 1-10-84;
124. Torrey Pines independent design review report, March, 1983;
125. Hill letter to Czyrko, 6-6-83-review of seismic class I concrete records;
126. Vendor material certification (civil structural);
127. Letter and specification;
128. United Cement order form;
129. Portex Industries documents on materials sold for WTR III;

Soils/Backfill

130. Clam shell filter blanket density tests for strips No. 5 and hand-written notes;
131. LP&L 7-9-79 correspondence on I.E. Bulletin 79-02;

Box 6 - Piping and Hangers

132. Concerning LP&L audit W3S-84-6S 3-9-84 letter;
133. Ebasco memo-reference W3-4010 from H. Bourque to L. Stinson, 9-28-82, C.A.T. hydro records and general records;
134. LP&L correspondence 4-13-84 reference construction appraisal inspection IR 84-07, corrective action plan response 84-07;
135. To John Tompech, date 7-1-83, from Herman J. Kunis, Jr., subject: Hydro static testing of shop welds;
136. Hand-written notes 6-28-83 to L.A. Stinson, QA Program Manager, from L. G. Holt, ANI, Subject: ANI acceptance of field hydrostatic tests;
137. Correspondence 1-18-84 Ebasco to S. Horton from R. Belline, subject: T. B. hydro test record discrepancies and hand-written notes;
138. Correspondence-hydro static test review to P. Harrington/R. Seshadri, 7-5-83 from J. Tompech;
139. 7-9-83 to R. Seshadri-engineering discrepancy notice EC-1342, attachment 1-charts;
140. Ebasco correspondence 12-28-81 to C. Cason, hydro static test temperatures;
141. C.A.T. support info. request 3-22-84 reference procedure violations;
142. 3-21-84 letters.

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- 143. Correspondence to R. J. Chinnici from D. M. McCorkle, dated 6-15-83, subject: Hydro static testing of shop welds manufactured by Dravo;
- 144. NCR signed 6-10-83;
- 145. Discrepancy notice W5840, dated 4-15-83 T.B.;
- 146. Speed letter on NCR W3-6498 valves;
- 147. C.A.T. information request 3-22-84 T.B. hydrostatic system;
- 148. Weld control record;
- 149. Speed letter to QA R. Bischoff (?) from W. Mathieson re: QAIRG No. 317, 7-6-83;
- 150. Speed letter mechanical to QAIRG/R. Bischoff;
- 151. QAIRG322 design/test pressure;
- 152. Speed letter pressure on ISO's to L. Jackson/QAIRG No. 387;
- 153. Speed letter to QAIRG B. Irganoritz (?) QAIRG #436-test pressure;
- 154. Speed letter to QAIRG #444 drafting;error E-2804 (?) IC-1230 Sus-46E;
- 155. Speed letter AQIRG #458 improper ISO test pressure;
- 156. Speed letter QAIRG #462 incorrect ISO test pressure;
- 157. Speed letter AQIRG #466 incorrect test pressure on ISO's.

Box 4

- 158. Section II electrical maintenance;
- 159. Hand notes;
- 160. Executive summary from Daniel C. Ford resources technical services 3-31-?;
- 161. Table II - 2 raceway supports;
- 162. Document from P. Keshishian, subject: electrical and instrument construction, 4-23-?;

General Admin

- 163. Summary of inspection findings WTR III, hand notes, no date;
- 164. \*TF summary of inspections 81-17 to 83-29, hand-written;
- 165. Items of concern 2-16, hand-written schedule for \*TF III C.A.T. 2-18 to 2-24 and 3-12 to 3-23-84;

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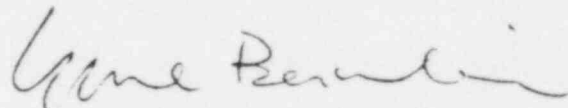
166. Enclosure No. 1 inspection plan;

File Responses

- 167. Evaluation of C.A.T.;
- 168. WTR QC 6-10-80 inspection report;
- 169. Memo from Ebasco to Dale-Project Engineer, subject: LP&L containment electrical seismic qualification;
- 170. 10-15-80 memo from LP&L to NRC, Office of Inspection and Enforcement, Subject: WTR SES III, final report for significant construction deficiency No. 18, "Flexible liquid tight wiring conduit covering;"
- 171. Memo from NRC to LP&L-notice of violation, 12-11-81, WTR CAT HVAC and mech equipment;
- 172. Memo 9-20-82 from project engineer to site QA manager, subject: bending procedure qualification.

Thank you for your assistance in this matter.

Sincerely yours,



Lynne Bernabei

APPENDIX B

RECORDS PLACED IN PDR FOLDER FOIA-84-205

1. 4/30/84 Draft cover memo re CAT Inspection 50-382/84-07, with draft Appendix A, Sections 2 through 8, and Attachments A and B.
2. 5/9/84 "Final" draft cover memo and report.
3. 5/10/84 "Final draft" cover memo and report.
4. Undated Draft portions of the report.
5. Undated "Copy 1A" cover memo with various drafts of the memo and sections of the report.

APPENDIX CLoose Item - between #s 15 and 16

1. DWG No. 13235, Valve Instrument Nuclear Service  
Reason - DRWG and info. property of Dragon Valves, Inc.

Package #18

2. DRWG No. LOU 5817 G-696501 SH. 1 and 2 React. Bldg, Reactor Coolant System Support and Stops  
Reason - This document is the property of EBASCO Services Incorporated. It is loaned in confidence and upon the condition that neither it nor the information contained in it will be produced, copied, disclosed or used in whole or in part except for purposes specified in writing by EBASCO Services Incorporated.

Package #38

3. DRWG No. LOU 1564 G-802E, Reactor Building Platforms, SH. 7 - EL + 46.00'  
Reason - Same as in Package #18, Item 1
4. EBASCO Specification Elec. Hydrogen Recominber System Project Identification No. LOU 1564.053, #38A, Attachment #2 - COVER SHEET WOULD HAVE PROPRIETARY NOTICE -  
Would save as package #18 Item 1 Reason

Package #12

5. EBASCO specification reactor turbine generator board (main control board) seismic class I; class IE project ID. No. Lou 1564.415 reason same as pkg. #18 item 1

Package #11

6. DWG #LOU-5817 G-695551 React. Aux. Bldg. seismic supports SH.51 cable trays and conducts,  
Reason - Same as above
7. EBASCO specification structural steel seismic class I & II No. LOU 1564.723  
Order no. NY-403509  
Reason - Same as above

Package #9

8. Layout 60 cells NCX 1200 battery on 507-074712-666 2 step rack (heavy seismic resist) DWG #0606160  
Reason - Same as above
9. Layout for 60 cells NCX-2400 on 2-507-074710-666 racks (heavy seismic resistant) BWG 0606170  
Reason - Same as item 1 in pkg. #9

Package #9 (cont.)

10. EBASCO services incorp. - specifications EBASCO 288-71 storage battery  
- project ID, LOU-1564.280 A, Order No. NY-403463  
Reason - Same as pkg. #18 item 1
11. EBASCO services incorp. specifications EBASCO 288-71 storage battery  
proj. ID. no.; LOU-1564.280 A; Order No. NY-403463; SHTS 2 thru 9  
missing  
Reason - Same as pkg. #18 item 1

Package #6

12. DRWG No. 24650-11, item anchor bolt assemblies industrial engineering  
works  
Reason - This drawing is our property and made for our own uses and  
purposes. Must not be circulated detrimental to our interests

Package 5

13. EBASCO services incorp., specification EBASCO 860-72 quality control  
requirements for suppliers of equipment and services  
Reason - copyright 1971; EBASCO Services Incorp., Two Reactor  
Street, New York.

Package 49/49A

14. DRWG #LOU-156A; G-869-501 - HVAC details #2  
Reason - Same as pkg. 18 item #1

Package 62 (item 62)

15. DRWG # JND 48501 Sht 1 of 20 job # N-3931 spent fuel strg pool main assy  
Reason - This DRWG has been furnished by the Nooter Corp: the information,  
know how and all new or patentable features are the property of the Nooter  
Corporation and must not be copied or reproduced without permission. The  
foregoing in no way applies to design and features which are our customers  
property.

Package #63

16. DRWG # R-25 RW-2 Contract No. 71-2426 bottom head 2nd course H-3 & 11-5  
R's ground assy  
Reason - The DRWG is the property of Chicago Bridge & Iron Company and  
is to be used only in connection with performance of work by the Chicago  
Bridge & Iron Company. Reproduction in whole or in part for any other  
purpose is expressly forbidden.

Package #63 (cont.)

17. BWG #11 Rw 4 bottom head plates  
Reason - Same as item 1 pkg. #63

Package #66

18. DWG No. 74470-771-001-Combustion Engineering, Inc. & EBASCO Services  
Incorporated (OFS #1564-1013 R.3)  
Reason - Same as pkg. #18 item 1
19. DWG No. 74470-761-001-Combustion Engineering Inc. & EBASCO Services  
Incorporated (OFS #1564-1408 R.4)  
Reason - Same as pkg #18 item 1

Package #67

20. DWG No. 5817-3483 Refueling Maintenance Structure Sh 1 EBASCO Services  
Incorporated & Industrial Engineering Works (DWG No. 26800)  
Reason - Same as pkg #18 item 1
21. DWG #5817-3485 R.1 EBASCO Services Incorporated  
Reason: Std. Proprietary Statement - (Refueling Maintenance Structure  
General Notes)
22. DWG #5817-3488 R.2 EBASCO Services Incorporated (Refueling Maintenance  
Structure Fram F2 Sh 1)  
Reason - STD Proprietary Statement
23. DWG # 5817-3502 R.1 EBASCO Services Incorporated Refueling Maintenance  
Structure Frame F12, F13  
Reason - STD proprietary statement
24. DWG #26800-417 (Refueling Maintenance Structure) Industrial Engineering  
Works.  
Reason - STD proprietary Statement

Package #88

25. DWG # U51-1001-135 R.0 Contract No. WP3-81 (Anchorbolt Assemblies)  
Reason - STD Proprietary Statement

Package #98

26. BWG # V.6.1-1001-12 R-0 Contract No. WP3-81  
(Anchor Bolt assemblies)  
Reason - STD Proprietary Statement



Package #100, 108, 109

27. DWG # LOU 156A G-810B EBASCO Services Incorporated Reactor Cavity Grillage Foundation Sh. 2  
Reason - STD Proprietary Statement
28. DES # 5817-1844 R.2 EBASCO Services Incorporated Safety Inj. Tank Suppt. Structure  
Reason - STD Proprietary Statement.
29. OFS #5817-1690 R2 EBASCO Services Incorporated; EBASCO Services Incorporated Reactor Bldg Safety Inj. Tank Support GIRDER 2A  
Reason - STD Proprietary Statement.
30. OFS #5817-1688 R.2 EBASCO Services Incorporated Reactor Bldg. Safety Inj. Tank Support. GIRDER 1B  
Reason - STD Proprietary Statement
31. OFS #5817-1689 R.2 Reactor Bldg Safety Inj. Tank Support GIRDER 2B  
Reason - STD Proprietary Statement
32. 5817-1844 R2 Safety Inj Tank Support Structure; EBASCO  
Reason - STD Proprietary Statement

Packages 100, 108, 109, Cont.

33. DWG # LOU-5817 G-712 Reactor Bldg. Safety Inj. Tank Support Struct. (EBASCO Services Incorporated)  
Reason - STD Proprietary Statement
34. DWG # LOU-1564 G-802E Reactor Bldg.; Platforms Sh.7 EL 46.00 (EBASCO Services Incorporated)  
Reason - STD Proprietary Statement
35. DWG LOU-1564 G 802D Reactor Bldg; Platforms Sh.6 E1 + 46.00 (EBASCO Services Incorporated)  
Reason - STD Proprietary Statement
36. OFS No. 1352.03 DBS. CHG Notification  
Reason - STD Proprietary Statement

Package #105

37. Spec. No. 9270-ICE-005 Combustion Engr. Inc. Sht. 192 - Safety Injection Tank Pressure.  
Reasons - STD Proprietary Statement

Packages #107

- 38. OFS # 1569-1270 R.2, EBASCO Services Incorporated, 12" 1500 but no gate  
V. Safety Inj. System  
Reason - STD Proprietary Statement
- 39. OFS # 1564-1270 R.2 EBASCO Services Incorporated same as item 1

Package #120

- 40. Contract No. 71-2426 Crand GIRDER Assembly; Chicago Bridge & Iron Co.  
DWG #65 R.8  
Reason - STD Proprietary Statement
- 41. Contract #71-2426, DWG #68 Rev.3, Crane GIRDER Details  
Reason - STD Proprietary Statement.
- 42. Contract #71-2426, DWG 66 Rev. 5, Crane GIRDER Field welds  
Reason - STD Proprietary Statement
- 43. Contract # 71-2426, DWG 67 Rev 8,  
Reason - STD Proprietary Statement

Package #126

- 44. OFS # 1564-307 R.6, Quench Tank Outline, EBASCO Services Incorporated  
Reason - STD Proprietary Statement
- 45. Project Specification for Miscellaneous Code Tanks Specification  
No. 9270-PE-603, Rev 13, Nuclear Power Systems Combustion Engr. Inc.  
Reason - STD Proprietary Statement

Package 127

- 46. Design Change Notification - OFS No. 1352-063; Reactor Bldg; Reactor  
Cavity  
Reason - STD Proprietary Statement

Contacts & Misc Info.

- 47. Attachment - 4 NCR W3-4352 page 8 of 17, Typ Track Detail, Mercury  
Company  
Reason - STD Proprietary Statement
- 48. Attachment #4 NCR W3-4352 page 9 of 17  
Reason - STD Proprietary Statement
- 49. Attachment #4 NCR W3-4352 page 10 of 17  
Reason - Same as item 1

Cont. Contracts & Misc. Inc. (cont.)

- 50. Attachment #4 NCR W3-4352 page 12 of 17, Mercury Company  
Reason - Same as Item 1
- 51. Attachment #4 NCR W3-4352 page 14 of 17, Mercury Company  
Reason - Same as Item 1
- 52. Attachment #9 W3-4352 page 3 of 3, Mercury #685, Track Spacing Detail,  
DWG No. 000-K-005-N R.1, Mercury Company  
Reason - Same as Item 1

Codes of References

- 53. EBASCO specification diaphragh values and accessories safety class  
2 of 3  
Non-nuclear Safety (NNS), Proj. ID. LOU-1564.103A  
Reason - STD Proprietary Statement
- 54. EBASCO Specification Structural Steel, Seismic Class I of II PI#  
LOU 1564.723  
Reason - Same as Item 1
- 55. EBASCO Specification: Station Piping, Hangers and Supports; PI# LOU-  
1564.100  
Reason - Same as Item 1

Drawings

56. DWG# LOU-564 G-160 Sht 1 of 2 & Sht 2 of 2, Flow Diagram Component Closed Cooling Water System, EBASCO Serv. Inc.
57. DWG# LOU-1564 G-908501 Sh. 1, Main Steam/Feedwater Pipe Anchorages, EBASCO Serv. Inc.
58. DWG# LOU-1564 G-908502 Sht. 2, Main Steam/Feedwater Pipe Anchorages, EBASCO Serv. Inc.
59. DWG# LOU-1564 G-824A Sht. 1, Reac. Aux Bldg. Rest. Steel, EBASCO Serv. Inc.
60. DWG# LOU-1564 G-825A Sht. 2, Reac. Aux. Building Restraint Steel Sht. 2 EBASCO Serv. Inc.
61. DWG# LOU-1564 G-908501 Sht. 1, Main Steam/Feedwater Pipe Anchorages Sht. 1 EBASCO Services Inc.
62. DWG# LOU-5817 G-696503 Sht. 3, Reactor Coolant System Supports & Stops, EBASCO Serv. Inc.
63. DWG# LOU-1564 G-127, Plot Plan, EBASCO Serv. Inc.
64. DWG# LOU-1564 G-128, Site Plan, EBASCO Serv. Inc.
65. DWG# LOU-1564 G-129, Gen. Arrangement Turbine Bldg., Ground Floor-Plan, EBASCO Serv. Inc.
66. DWG# LOU-1564 G-130, Gen. Arrangement Turbine Bldg. Meczanine Floor Plan, EBASCO Serv. Inc.  
Reason - For items 1 thru 11 - STD. Proprietary Statement
67. DWG# LOU-1564 G-132, Gen. Arrangement Turbine Building - Section Sht. 1, EBASCO Serv. Inc.
68. DWG# LOU-1564 G-133, Gen. Arrangement Turbine Building - Sections Sht. 2
69. DWG# LOU-1564 G-134, Gen Arrangement Reac. Aux Bldg. Plan KC + 21.00, EBASCO Serv. Inc.
70. DWG# LOU-1564 G-135, Gen. Arrangement React. Aux Bldg - Section Sht. 1, EBASCO Serv. Inc.
71. DWG# LOU-1564 G-139, Gen. Arrangement Reac. Aux Bldg. - Section Sht. 1, EBASCO Serv. Inc.
72. DWG# LOU-1564 G-139, Gen. Arrangement Reac. Aux Bldg - Section Sht. 2, EBASCO Serv. Inc.

73. DWG# LOU-1564 G-143 Gen. Arrangement Reac Bldg - Plan KL + 46.00, EBASCO Serv. Inc.
74. DWG# LOU-1564 G-131 Gen Arrangement Turbine Bldg. Oper Floor - Plan, EBASCO Serv. Inc.
75. DWG# LOU-1564 G-140 Gen. Arrangement Reac. Aux Bldg - Section. Sht. 3, EBASCO Serv. Inc.
76. DWG LOU-1564 G-149 Gen. Arrangement Reac. Aux Bldg. - Plans & Sections Sht. 4, EBASCO Serv. Inc.
77. DWG LOU-1564 G-148 Gen. Arrangement Reac. Aux Bldg. - Section Sht. 3  
EBASCO Serv. Inc.  
Reason - For Items 12 thru 22 - STD Proprietary Statement
78. DWG# LOU-1564 G-145 Gen. Arrangement Reac. Bldg. Plan EL-4.00, EBASCO Serv. Inc.
79. DWG# LOU-1564 G-210 Gen. Arrangement Cooling Towers Plan, EBASCO Serv. Inc.
80. DWG# LOU-1564 G-146 Gen. Arrangement Reac. Bldg., Section - Sht. 1, EBASCO Serv. Inc.
81. DWG# LOU-1564 G-211 Gen. Arrangement Cooling Towers - Sections, EBASCO Serv. Inc.
82. DWG# LOU-1564 G-142 Gen. Arrangement Fuel Handling Building Sections, EBASCO Serv. Inc.
83. DWG# LOU-1564 G-144 Gen. Arrangement Reac. Building Plan KL + 21.00
84. DWG# LOU-1564 G-136 Gen. Arrangement Reac. Aux Bldg. - Plan KL + 4.00
85. DWG# LOU-1564 G-141 Gen. Arrangement Fuel Handling Bldg - Plans, EBASCO Serv. Inc.
86. DWG# LOU-1564 G-137 Gen. Arrangement Aux Bldg Plan EL - 35.00  
EBASCO Serv. Inc.
87. DWG# LOU-1564 G-147 Gen. Arrangement Reac. Bldg Sections Sht. 2,  
Reason - For Items 23 thru 32 - STD Proprietary Statement

Specifications

88. Spec. EC 1 Cable Trays, Cable Bus Duct and Supports for Waterford SES No. 3, EBASCO Serv. Inc.  
Reason - Portions of specs. the whole of which is marked as proprietary
89. Spec. for the Installation of Electrical Equipment, EBASCO Serv. Inc.  
Reason - Same as Item 1
90. Spec. EC-2 Conducts, Ducts & Supports for Waterford SES No. 3, EBASCO Serv. Inc.  
Reason - Same as Item 1
91. Spec. EC-3, Medium & Large Sized Boxes/Miscellaneous /Cubicles for Waterford SES No. 3, EBASCO Serv. Inc.  
Reason - Same as Item 1
92. Spec. EC-4 Cable Installation for Waterford SES 3, EBASCO Serv. Inc.  
Reason - Same as Item 1
93. Spec. EC-7 Distribution Equipment & Metal Enclosed Bus Installation for Waterford SES 3  
Reason - Same as Item 1
94. Spec. EC-12 Installation of Storage Batteries for Waterford SES 3, EBASCO Serv. Inc.  
Reason - Same as Item 1

95. EBASCO Specification Station Piping, Hangers and Supports  
Reasons - Although no notice appears to be present - EBASCO claims that this document is proprietary and includes commercially sensitive information (PER J. L. )
96. FCR As-1641-System Status Sheet  
Reason - Same as Item 1
97. EBASCO Serv. Inc. Instr. PC-1  
Reason - STD Proprietary Statement PER J. L.
98. Inter-Office Correspondence-Subs (Bus 53A)  
Response to Bolt Problems - Regenerative Heat Ex.  
Reason - STD Proprietary Statement on DWG Page 3 PER G. T.
99. Heating, Ventilating & Air Conditioning, Main Plant Installation,  
EBASCO Specification  
Reason - STD Proprietary Statement PER G. T.
100. Spec. MC-1, Gen. Spec. Covering Installation of MBCA Equipment,  
EBASCO Serv. Inc.  
Reason - STD Proprietary Statement



101. Vendor Doc. V 6.1.3-1009-2 R-1 Fire Protection Wall Contract no. WP-3-8478  
Reason - STD Proprietary Statement
102. DWG# LOU-1564 G-765-501 Floor Plans Sht. 3, EBASCO Ser. Inc.  
Reason - STD Proprietary Statement
103. C.E. DCPT. Tech. Directive No. 7, Analysis and Design of Concrete Block Walls for Nuclear Power Plants  
Reason - Copyright by EBASCO Serv. Inc.
104. Specs. Masonry Non-Nuclear Safety Class with Seismic Considerations  
Reason - Entire Document - STD Proprietary Statement
105. EBASCO Spec. Concrete Masonry Seismic Class I Prov. ID# LOU-1564-472  
Reason - Entire Document - STD Proprietary Statement
106. EBASCO Spec. Grouting Seismic Class I, PI# LOU-1564.483  
Reason - STD Proprietary Statement
107. Inspection of Concrete Placement Curing and Finishing Proc. No. OCP-7, QC - Insp. of Conc. Placing, During and Finishing, EBASCO Spec. Mech. Splieing of Conc. Reinforcing Steel  
Reason - Orange Pages have Notice & Green is Part Larger Prop. Spec. PER G. T.
108. DWG# 1564-2546 R.8, EBASCO Serv. Inc., Crane Girter Assembly  
Reason - STD Proprietary Statement
109. EBASCO Spec. Structural Steel, PI# LOU-1564.723, Order No. NY-403509  
Reason - STD Proprietary Statement

110. EBASCO Spec. 501-76, High-Strength Bolted Field Connections for Structural Steel  
Reason - Part of Larger Set of EBASCO Prop Procedures PER G. T.
111. EBASCO Spec. Drilled-In Expansion Type Anchors in Concrete for CAT. I Struc.  
Reason - Part of Larger Set of EBASCO Prop. Procedures, Not Copyright on Next Page - PER G. T.
112. Doc. # 15644-797 R. O. Misc. Code Tanks Engineering Spec. - (Engr. Spec. Doc Miscellaneous Code Tanks Spec # 00000-PI-603) EBASCO/Combustion Engr. Inc. Utility Division  
Reason - PER Greg Thomas Contract Between Combustion Engr. Inc. & Cpyl Status Specs. are Proprietary - Sending Copy of Contract 7/2/84 Fed. Exp.
113. GENG - 353 R.6 Field Handling, Maintenance and Storage Requirements for Combustion Engr. Furnished Equipment, by Nuclear Power Services, Combustion Engineering, Inc.  
Reason - Same as Item 1