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1/30/84 NW.

8502090490 840807 FDR F01A BERNABE84-205 PDR

| MODULE#            | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|--------------------|------------------|------------------------|------------------------|----------|-------|---|
| 225528B            | 050003828002     |                        |                        | 50       | 10    |   |
|                    |                  | -                      | -                      | (100)    | 20    |   |
|                    | 050003828127     | -                      | - 4                    |          | 1     |   |
| 230702B            | 050003828210     | -                      | -                      |          | 4     | 가게 되는 이 사람이 어떻게 하다니다 가게 되는 때 나는 사람이 되었다.      |
| 230702B            | 050003828228     |                        | -                      |          | 8     | [12] [12]                                     |
|                    | 050003827606     | -                      | -                      |          | 2     | 사람들이 보고 이번 살아보다 있다. 이번 방향이 없는 사람들은 그런 것이다. 나는 |
| 2307038            | 050003827608     |                        | -                      |          | 2     |   |
| 230703B            |                  |                        |                        |          | 4     |   |
| 230703B            | 050003827610     |                        |                        |          | 2     |   |
| 230703B            | 050003827611     | -                      |                        |          | 1     | 그리고 있는 아이들은 그는 이 이렇게 되었다. 이 경기를 살았다.          |
| 230703B            | 050003827701     | -                      | -                      |          | 1     |   |
|                    | 050003827702     |                        | -                      |          | 2     | 나는 사람이 하게 하다면서 하는 사람들이 되었다면서 가게 되었다.          |
| 230703B            | 050003827703     |                        | -                      |          | 2     | 그러스 그는 이상으로 그렇게 하는 아이들이 그렇게 하는 이름이 되었다.       |
| 230703B            |                  |                        |                        |          | 2     |   |
| 230703B            |                  |                        |                        |          | 4     |   |
|                    |                  |                        | 4 -4 3                 |          | 3     |   |
| 2307038            |                  |                        |                        |          | 2     | 그리 그들이 맛있다면 그 사이를 가면 하는 것이 들어 들었다.            |
| 230703B            |                  |                        |                        |          | 4     |   |
| 230703B            |                  |                        |                        |          | 3     |   |
| 230703B            |                  |                        | -                      |          | 2     |   |
| 2307038            |                  |                        |                        |          | 4     |   |
| 230703B            |                  |                        | -                      |          | 2     | 그 이 한다면 하다가 되었다면서 하는 이 사람들은 그리고 마찬하고 있다면      |
| 230703B<br>230703B |                  |                        |                        |          | 1     |   |

01/26/84

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT STAFF<br>COMPLETE HRS | TEXT |  |
|---------|------------------|------------------------|------------------------|---------------------------|------|--|
| 230703B | 050003827714     |                        | -                      |                           |      |  |
| 230703B | 050003827801     | -                      |                        | 2                         |      |  |
| 230703B | 050003827802     |                        |                        | 14                        |      |  |
| 230703B | 050003827803     | -                      |                        | 4                         |      |  |
| 230703B | 050003827804     | -                      | 화소하였다.                 |                           |      |  |
| 230703B | 050003827805     |                        |                        | 5                         |      |  |
| 230703B | 050003827806     | -                      |                        | 2                         |      |  |
| 230703B | 050003827807     |                        |                        | 4                         |      |  |
| 2307038 | 050003827808     |                        |                        | 3                         |      |  |
| 2307038 | 050003827809     |                        |                        | 2                         |      |  |
| 230703B | 050003827810     | -                      |                        | 4                         |      |  |
| 230703B | 050003827811     | -                      |                        | 3                         |      |  |
| 230703B | 050003827812     |                        |                        | 2                         |      |  |
| 230703B | 050003827813     | -                      |                        | 10                        |      |  |
| 230703B | 050003827814     |                        | -                      | 3                         |      |  |
| 230703B | 050003827815     | -                      |                        | 6                         |      |  |
| 230703B | 050003827816     |                        |                        | 4                         |      |  |
| 230703B | 050003827901     | -                      | -                      | 2                         |      |  |
| 230703B | 050003827902     | -                      | -                      | 6                         |      |  |
| 2307038 | 050003827903     | -                      |                        | 6                         |      |  |
| 230703B | 050003827904     | -                      |                        | 4                         |      |  |
| 230703B | 050003827905     | -                      |                        | 2                         |      |  |
| 230703B | 050003827906     | -                      | -                      | 3                         |      |  |

|   | MOSULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT   |
|---|---------|--------------|------------------------|------------------------|-----|-------|--|
| - | 230703B | 050003827907 |                        |                        |     | 2     |  |
|   | 230703B | 051003827908 | -                      |                        |     | 4     |  |
|   | 230703B | 050003827910 |                        | -                      |     | 4     |  |
|   | 230703B | 050003827911 |                        | -                      |     | - 11  |  |
|   | 230703B | 050003827212 |                        | -                      |     | 3     |  |
|   | 230703B | 050003827914 | _                      | -                      |     | 1     |  |
|   | 230703B | 050003827916 |                        | -                      |     | 2     | [[[마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마마   |
|   | 230703B | 050003827917 |                        |                        |     | 4     |  |
|   |         | 050003828002 |                        |                        |     | 5     | 아이 아무리 수가 있는 것 같아 보니 아이는 그는 사람들이 되었다. 그 사람들이 모르는 것이 없다면 되었다. 그                 |
|   | 2397038 | 050003828002 |                        | _                      |     | 4     | 아이 사람들이 가면 가는 것 같아 있다면 하는데 가는 사람들이 가득하는 모든 것이다.                                |
|   | 230703B |              |                        |                        |     | 5     |  |
|   | 230703B | 050003828005 |                        |                        |     | 6     |  |
|   | 230703B | 050003828006 |                        |                        |     | 1     | [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]  |
|   | 230703B | 050003828008 |                        |                        |     | ,     |  |
|   | 230703B | 050003828009 |                        |                        |     | 4     | 그 사이 있으니 하는 것이 되는 것 같아 있다면 보고 하는데 보고 되었다.                                      |
|   | 230703B | 050003828010 |                        |                        |     | ,     |  |
|   | 2307038 | 050003828013 |                        |                        |     | 2     | 그리는 하는 사람들이 가장 하는 사람들이 되었다.  |
|   | 230703B | 050003828014 |                        | -                      |     | 2     | 등 사람이 얼마나 그렇다 하는 사람이 되는 사람이 되었다.   |
|   | 230703B | 050003828015 |                        |                        |     | 2     | 그렇게 가는 이번 이번 가는 사람들이 얼마나 이 모양이 되었다.  |
|   | 230703B | 050003828016 | *                      | -                      |     | 3     |  |
|   | 230703B | 050003828018 |                        |                        |     | 3     | 이번 이번 중 맛있다. 그리지 않는 맛있는 것도 있다. 이번 바쁜 이 어떤 사람이                                  |
| - | 230703B | 050003828020 |                        | -                      |     | 1     |  |
|   | 230703B | 050003828021 |                        |                        |     | 5     | 네트를 보면 하면 없다. 이 작년 12년 12일 2일 2일 대한 12일 1일 |
|   | 230703B | 050003828022 |                        | -                      |     | 2     |  |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF<br>HRS | TEXT |  |
|---------|------------------|------------------------|------------------------|-----------------|--------------|------|--|
| 230703B | 050003828026     | -                      | -                      |                 | 4            |      |  |
| 230703B | 050003828027     | -                      |                        |                 | 3            |      |  |
| 230703B | 050003828028     |                        |                        |                 | 3            |      |  |
| 230703B | 050003828031     |                        |                        |                 | 2            |      |  |
| 230703B | 050003828033     |                        |                        |                 | 2            |      |  |
|         | 050003828036     |                        |                        |                 |              |      |  |
| 2307038 |                  |                        |                        |                 |              |      |  |
| 230703B | 050003828101     |                        |                        |                 |              |      |  |
| 230703B | 050003828104     |                        |                        |                 | 4            |      |  |
| 230703B | 050003828105     |                        |                        |                 | 2            |      |  |
| 230703B | 050003828107     |                        |                        |                 |              |      |  |
| 230703B | 050003828110     | -                      |                        |                 | 2            |      |  |
| 230703B | 050003828111     |                        |                        |                 |              |      |  |
| 230703B | 050003828112     | -                      |                        |                 | 3            |      |  |
| 2307038 | 050003828114     | - 1                    | - 1                    |                 | 2            |      |  |
| 230703B | 050003828116     |                        |                        |                 | 1            |      |  |
|         | 050003828117     |                        |                        |                 | 2            |      |  |
| 230703B |                  |                        | -                      |                 | 1            |      |  |
|         | 050003828122     |                        |                        |                 | 1            |      |  |
|         | 050003828124     |                        | _                      |                 | 2            |      |  |
|         |                  |                        |                        |                 | 1            |      |  |
| 230703B |                  |                        |                        |                 | 3            |      |  |
| 230703B |                  |                        |                        |                 | 2            |      |  |
| 230703B | 050003828131     |                        |                        |                 | 2            |      |  |

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| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |     |
|---------|------------------|------------------------|------------------------|-----|-------|---|-----|
| 230703B | 050003828205     | -                      | -                      |     | 2     |   |     |
| 230703B | 050003828206     | -                      |                        |     | 6     |   |     |
| 230703B | 050003828208     | -                      |                        |     | 4     | 경우 사람들이 이번 보고 있다. 그리고 하고 있다면 하고 있다.   |     |
| 230703B | 050003828217     |                        | -                      |     | 3     |   |     |
| 230703B | 050003828218     |                        |                        |     | 2     |   |     |
| 230703B | 050003828219     | -                      |                        |     | 20    |   |     |
| 230703B | 050003828220     |                        |                        |     |       |   |     |
| 230703B | 050003828221     |                        |                        |     | 2     | [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [   |     |
| 230703B | 050003828229     | -                      | -                      |     | 4     |   |     |
| 230703B | 050003828303     |                        |                        |     | 1     |   |     |
| 230703B | 050003828305     | -                      | -                      |     | 10    |   |     |
| 230793B | 050003828306     |                        |                        |     | 4     |   |     |
| 230703B | 050003828309     | -                      | -                      |     | 1     |   |     |
| 230703B | 050003828313     |                        | -                      |     | 4     |   |     |
| 230703B | 050003828316     | -                      | -                      |     | 1     |   |     |
| 230703B | 050003828317     | -                      |                        |     | 2     |   |     |
| 230703B | 050003828325     | -                      | -                      |     | 2     |   |     |
| 230703B | 050003828331     | -                      | 4                      |     | 2     |   |     |
| 235200B | 050003827801     | - 1                    |                        |     | 2     |   |     |
| 235200B | 050003827813     |                        |                        | 100 | 155   | 일 이 경영을 가장 내고 있는 이 경우를 가는 생각이 없다고 있다.   |     |
| 2370518 | 050003828313     | 5                      | 2                      | 100 | 308   | FAILURE TO FOLLOW PROCEDURES AND PROVIDE SUFFICIE NT DESIGN DETAIL FOR ATTACHMENT OF ADDITIONAL LOA DS TO SEISMIC SUPPORTS FOR HVAC: CRITERION V OF 10 CFR 50, APP B, REQUIRES THAT ACTIVITIES AFFECT ING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE W ITH APPROPRIATE INSTRUCTIONS, PROCEDURES, AND DRA | HVA |

| MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY | COMPLETE | HRS |
|---------|--------------|------------------------|----------|----------|-----|
|         |              |                        | 2        | 100      | 308 |
| 2370518 | 050003828313 | 2                      | 2        | 100      | 300 |

WINGS, AND THAT THESE INSTRUCTIONS, PROCEDURES AN D DRAWINGS CONTAIN APPROPRIATE QUANTITATIVE ACCEP TANCE CRITERIA. EBASCO SERVICES, INC. (EBASCO) PR OCEDURE ASP-IV-58, ISSUE D, "ATTACHMENT TO SEISMI C SUPPORTS, " REQUIRES THE FOLLOWING: A. PARAGRAPH 6.3 - THE CONTRACTOR IS TO SUBMIT A FORM ASP-IV-58-1 AND HAVE IT APPROVED BY THE EBASCO CONSTRUCT ION ENGINEER PRIOR TO INSTALLATION OF ATTACHMENT. B. PARAGRAPH 6.4 - THE EBASCO CONSTRUCTION ENGIN EER IS TO MAINTAIN A LOG/FILE OF ALL ADDITIONAL L DADS INCLUDING REQUEST, SKETCHES, AND BACKUP CALC ULATIONS. GOOD ENGINEERING AND DESIGN PRACTICES W OULD REQUIRE THAT ADDITIONAL ATTACHMENTS TO A SUP PORT, BY DESIGN, WOULD BE PROPERLY DETAILED, NOTE D, OR REFERENCED ON THE LEAD DOCUMENT. CONTRARY ? O THE ABOVE: A. HVAC SUPPORT F-807 HAD A 1-INCH FIRE PROTECTION LINE ATTACHED TO IT THAT WAS NOT SHOWN ON SUPPORT DETAIL SMH-908 AND THIS ADDITION AL 50-POUND LOAD WAS NOT SHOWN ON THE SEISMIC SUP PORT ALLOWABLE CHART, AND THERE WAS NO ASP-IV-58-1 FORM. B. HVAC SUPPORT F-821 HAD TWO 6-INCH CH ILLED WATER PIPES AND THE ASSOCIATED SUPPORT, AC-H-609, ATTACHED THAT WERE NOT SHOWN ON SUPPORT DE TAIL SMH-908. THE CALCULATION SHEET FOR F-821, DA TED NOV. 18, 1981, USED TO DETERMINE THE ALLOWABL E LOAD CAPACITY FOR ASP-IV-58, DID NOT INCLUDE TH ESE LOADS BECAUSE THEY WERE NOT SHOWN ON THE SUPP ORT DETAIL FOR F-821. C. HVAC SUPPORT F-800 HAD TWO 4-INCH CHILLED WATER PIPES AND TWO ASSOCIATED SUPPORTS, AC-H-608 AND AC-H-611, ATTACHED TO IT THAT WERE NOT SHOWN ON SUPPORT DETAIL SMH-986. TH E CALCULATION SHEET FOR F-800, DATED NOV 18, 1981 , USED TO DETERMINE THE ALLOWABLE LOAD CAPACITY F OR ASP-IV-58, DID NOT INCLUDE THESE LOADS BECAUSE THEY WERE NOT SHOWN ON THE SUPPORT DETAIL FOR F-800.

TEXT

FAILURE TO PROVIDE APPROPRIATE CRITERIA FOR INSTALLATION CLEARANCE PROBLEMS: CRITERION V OF 10 CF R 50, APP B, REQUIRES THAT PROCEDURES, INSTRUCTIONS, AND DRAWINGS INCLUDE APPROPRIATE QUANTITATIVE OR QUALITATIVE ACCEPTANCE CRITERIA FOR DETERMINING THAT IMPORTANT ACTIVITIES HAVE BEEN SATISFACTORILY ACCOMPLISHED. LOUISIANA POWER AND LIGHT COMPANY QUALITY ASSURANCE MANUAL, SECT 5.2, REQUIRES THAT INSTRUCTIONS, PROCEDURES AND DRAWINGS INCLUDE APPROPRIATE QUANTITATIVE AND QUALITATIVE ACCEPT

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| MODULE# | DOCKET<br>REPORT                  | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF  |  |
|---------|-----------------------------------|------------------------|------------------------|----------|--------|--|
| 237051B | 050003828313                      | 5                      | 2                      | 100      | 308    |  |
| 237055B | 050003828316                      |                        | -                      | 50       | 8      |  |
| 237055B | 050003828317<br>te<br>1519 nactiv | 1                      | 2                      | 80       | 21     |  |
|         |                                   |                        |                        | Con      | ntrol. |  |

ANCE CRITERIA TO VERIFY THAT SAFETY-RELATED ACTIV ITIES HAVE BEEN SATISFACTORILY ACCOMPLISHED. CONT RARY TO THE ABOVE: LOUISIANA POWER AND LIGHT COMP ANY AND CONTRACTOR INSPECTION PROCEDURES AND WALK DOWN PROCEDURES DO NOT CONTAIN ACCEPTANCE CRITERI A FOR PERSONNEL PERFORMING THESE TASKS TO DETERMI NE IF THERE IS SUFFICIENT CLEARANCE BETWEEN PIPES SUPPORTS, STRUCTURES, TUBING AND RACEWAY TO ALL OW FOR VIBRATION, THERMAL EXPANSION, SEISMIC EVEN T, ETC. THESE INSTRUCTIONS DO NOT CONTAIN MINIMUM CLEARANCE CRITERIA, AND, IN SOME CASES, DO NOT E VEN HAVE A REQUIREMENT TO DOCUMENT SATISFACTORY/U NSATISFACTORY CLEARANCE/INTERFERENCE STATUS, OR A MECHANISM OR TRIGGER FOR INFORMING ENGINEERING F OR FURTHER EVALUATION. THE NRC INSPECTORS NOTICED NUMEROUS CASES OF PIPE-TO-PIPE, PIPE-TO-SUPPORT, PIPE-TO-RACEWAY WITH ZERO-CLEARANCE THROUGHOUT T HE POWER BLOCK AREAS.

TEXT

FAILURE TO ESTABLISH ADEQUATE DOCUMENT CONTROL ME ASURES: 10 CFR 50, APP B, CRITERION VI REQUIRES T HAT MEASURE BE ESTABLISHED TO CONTROL THE ISSUANC E OF DOCUMENTS. ANSI N45.2, PARA 7, "DOCUMENT CON TROL" REQUIRES THAT PROCEDURES BE ESTABLISHED FOR THE CONTROL OF DOCUMENTS AND CHANGES THERETO TO PRECLUDE THE POSSIBILITY OF USE OF OUTDATED OR IN APPROPRIATE DOCUMENTS. CONTRARY TO THE ABOVE, THE LICENSEE'S DOCUMENT CONTROL MEASURES DID NOT PRE VENT THE ISSUANCE OF "CERTIFIED AS-BUILT" PRINTS (CE REACTOR TRIP SWITCHGEAR CONTROL WIRING PRINTS 1564-3905 THRU 1564-3919 (R3)) THAT FAILED TO IN CLUDE FCR-IC-63. (50-382/8317-) FAILURE TO FOLLOW DOCUMENT CONTROL PROCEDURES: 10 CFR 50, APP B, CRITERION V, REQUIRES THAT ACTIVIT IES AFFECTING QULTY SHALL BE ACCMPLSHD IN ACCRDNC E WITH APPRVED PROCEDURES. A. EBASCO PROC ASP-III -2, "SITE DOCUMENT CONTROL" PARA 6.4.2.4 REGRS HO LDERS OF UNCONTRLED DOCUMNTS TO CLEARLY MARK EA D OCUMNT AS "VOID" OR "INFO ONLY" OR TO DESTRY THE DOCUMNT. CONTRARY TO THE ABVE, REV 6 (THAT HAD BE EN SUPERSEDED BY REV 7) OF PRNT 1564-G-868 WAS FO UND IN THE PRNT FILE OF STATION 10 CONSTR ENGINEE RNG-MECH, NOT PROPERLY MARKED "VOID" OR "INFO ONL Y." B. ASP-III-2, "SITE DOCUMNT CONTROL" PARA 6.4

| MODULE#   | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT  | STAFF | TEXT  |
|-----------|--------------|------------------------|------------------------|------|-------|---|
| 237055B   | 050003828317 | 5                      | 2                      | 80   | 21    | .2.1 REQRS THE VERIFCTN OF TRNSMTTED DOCUMNTS AGA INST THE TRANSMITTL DOCUMNTS FOR DOCUMNT CONTRL. CONTRY TO THE ABVE, THREE INSTR MANULS IN CUSTODY OF DOCUMNT CONTRL, KVS-16.2 FOR THE EMERGENCY DI ESEL GENERATORS WERE NOT UPDTD WITH DCN-E-1037 AS REQRD. THE DESGN CHANGE NOTICE, PG 1 INDICTD THA T THE CHANGE APPLIED TO A "PRINT" C. ASP-II-2, "S ITE DOCUMENT CONTRL" PARA 6.4.1 REQRS THAT HLDRS OF DOCUMNTS DISTRBTD BY DOCUMNT CONTRL ARE RESPNS BLE FOR PROPER RECPT, CONTRL, & PROTCTN OF THE DO CS. CONTRY TO THE ABVE: (1) EBASCO SPEC 2564.482 (R6) A CONTRLD DOC ASSGND TO THE CONSTR ENGR-MECH COULD NOT BE OBTND FRM THE FILES. (2) INSTR MANU AL KVS-16.2, "EMERGENCY DIESEL GENERATORS" WAS NO T IN CUSTDY OF THE EBASCO OFFICE ENGR AS INDICTD ON THE DOC CONTRL CARD. (50-382/8317-06) |
| 2420518   | p. of chia-  |                        |                        | 10   | 6     |   |
| /245051B  | 050003827509 | -                      |                        | 100  | 12    |   |
| 245053B   | 050003827509 | ( Geo tech             |                        | 100  | 4     |   |
| 245055B   | 050003827509 | Forma                  | lation                 | 100  | 10    |   |
| 246051B   | 050003827509 | 9 -                    |                        | 100  | 12    | 내 5분 (10.5%) 나면 보고 보고 있는데 얼마 그 그 그 것이다.   |
| 2460518   | 050003827510 |                        | _                      | *20  | 8     |   |
| 246053B   | 050003827509 | - 4                    | 4                      | 20   | 12    |   |
|           | 050003827510 | _ `                    | _                      | 60   | 40    |   |
| 246053B   | 050003827602 | - 51                   | the al                 | 90   | 27    |   |
| 246053B   | 050003827609 | - 0.                   | leel -                 | 90   | 8     |   |
| 246053B   | 050003827704 | - 34                   |                        | 90   | 1     |   |
| 246053B   |              | - E                    | undatum                | ( 90 | 3     |   |
| _ 246053B |              |                        | DINGG TON              | 90   | 8     | 10 CFR PART 50, APPENDIX B, CRITERION V REQUIRES T  |
| 246053B   | 050003827711 | 2                      |                        |      |       | HAT ACTIVITIES AFFECTING QUALITY BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES BE ACCOMPLISHED IN ACCORDANCE WI  |

| MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|---------|--------------|------------------------|------------------------|----------|-------|---|
| 2460538 | 050003827711 | For                    | mdation                | 90       | 8     | TH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. THE J. A. JONES QA PROGRAM, AS IMPLEMENTED BY PROCEDURE NO. POP-N-702, REVISION 3, OCTOBER 5, 1976, PARAGRAPH 5.5, REQUIRES THAT QA PERSONNEL WHO VERIFY THAT WORK ACTIVITIES CONFORM TO QUALITY REQUIREMENTS BE CERTIFIED BY THE J. A. JONES CORPORATION QA TRAINING OFFICE AND/OR THE PROJECT QA MANAGER AS BEING QUALIFIED TO PERFORM THEIR ASSIGNED TASKS.  PROCEDURE POP-N-702 ALSO REQUIRES THAT THE PROJECT QA MANAGER ASSURES THE INITIAL AND CONTINUED PROFICIENCY OF QUALITY ASSURANCE PERSONNEL BY APPROPRIATE EDUCATION, TRAINING, EXPERIENCE, TESTING, EVALUATION AND REVIEW IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI N45.2.6. CONTRARY TO THE ABOVE, ON OCTOBER 27, 1977, A J. A. JONES TRAINEE QUALITY CONTROL INSPECTOR WAS OBSERVED TO BE PERFORMING FIELD INSPECTIONS IN BACKFILL AREA 4 AS PRESCRIBED BY J. A. JONES PROCEDURE NO. W-SITP-12, REVISION 6, OCTOBER 4, 1976, "BACKFILL AND COMPACTION INSPECTION." A REVIEW OF QA RECORDS INDICATED THAT THE SAME TRAINEE HAD COMPLETED THE DAILY BACKFILL INSPECTION NEPORT AND THE SITE BACKFILL RELEASE AND LOCATION NEPORT AND THE SITE BACKFILL RELEASE AND LOCATION NEPORT AND THE SITE BACKFILL RELEASE AND LOCATION NEOFOR THE PREVIOUS TWO DAYS. HIS EXPERIENCE AND TRAINING RECORDS, AS CONFIRMED BY THE J. A. JONE S QA MANAGER, WERE NOT SUFFICIENT TO QUALIFY THE INSPECTOR FOR THESE ASSIGNED TASKS. |
| 246053B | 050003827713 |                        |                        | (90)     | 4     |   |
| 246055B | 050003827509 |                        |                        | 20       | 12    | 5   |
| 246055B | 050003827510 |                        |                        | 60       | 40    | 그렇게요  |
| 246055B | 050003827601 |                        |                        | 70       | 6     | 그리고 그리고 아내는 얼마나 되었다. 그리는 얼마나 있는데 되었다.   |
| 246055B | 050003827602 |                        |                        | 90       | 27    |   |
| 246055B | 050003827604 |                        |                        | 90       | 4     | - 그렇게 하다 되었다. 그리지 아이들에게 되었다. 그 이렇게 되었다.   |
| 246055B | 050003827607 |                        |                        | 90       | 16    | 그 이 아이 사람이 하는 사람이 아니는 아래를 하는 것이 모양하는  |
| 246055B | 050003827609 |                        |                        | 90       | 10    | 기계에 많아 가장 나무도 하는 사람들이 살아가 하셨다.  |
| 246055B | 050003827703 |                        |                        | 90       | 8     |   |
| 246055B | 050003827704 | -                      |                        | 90       | 11    | 등 그리는 이렇는 하나, 나를 바다 없는 때 역사 내가 하나 보였다.  |

Timble time

PAGE 10

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF<br>HRS | TEXT |  |
|---------|------------------|------------------------|------------------------|-----------------|--------------|------|--|
| 246055B | 050003827711     | - ^                    |                        | 90              | 8            |      |  |
| 246055B | 050003827713     | - )                    | -                      | 90              | 4            |      |  |
| 247051B | 050003827604     | - Struitual            | ancrete                | 100             | 22           |      |  |
| 247054B | 050003827606     |                        | -                      | 50              | 28           |      |  |
| 247054B | 050003827609     | -                      | -                      | 80              | 16           |      |  |
| 2470548 | 050003827711     | V-                     | 1 7                    | 90              | 6            |      |  |
| 247054B | 050003827805     | V-coner                | cre II                 | 90              | 7            |      |  |
| 247054B | 050003827807     |                        |                        | 90              | 10           |      |  |
| 247054B | 050003827907     |                        |                        | 90              | 12           |      |  |
| 247054B | 050003827908     | -                      |                        | 90              | 10           |      |  |
| 247054B | 050003827910     |                        |                        | 90              | 8            |      |  |
| 247054B | 050003827911     | -                      | 1 7 /                  | 100             | 10           |      |  |
| 2470568 | 050003827606     | (+116VC                | to Ferry               | 50              | 34           |      |  |
| 247056B | 050003827611     | 1                      | - 1                    | 80              | 11           |      |  |
| 247056B | 050003827704     | -                      |                        | 80              | 10           |      |  |
| 247056B | 050003827711     | -                      |                        | 90              | 10           |      |  |
| 247056B | 050003827805     |                        |                        | 90              | 5            |      |  |
| 247056B | 050003827807     |                        | -                      | 90              | 10           |      |  |
| 247056B | 050003827907     |                        |                        | 90              | 10           |      |  |
| 247056B | 050003827908     |                        |                        | 90              | 9            |      |  |
| 247056B | 050003827910     |                        |                        | 90              | 20           |      |  |
| 247056B | 050003827911     | -                      |                        | 100             | 10           |      |  |
|         | 050003827602     |                        |                        | 10              | 6            |      |  |

| MODULER     | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |
|-------------|------------------|------------------------|------------------------|-----------------|-------|---|
| 248051B     | 050003827604     |                        |                        | 20              | 3     |   |
| 248051B     | 050003827917     |                        | 7-                     | 100             | 15    |   |
| 2480518     | 050003828069     | D                      |                        | 80              | 18    | USE OF QC INSPECTORS WHO DID NOT MEET ANSI N45.2.6  EXPERIENCE QUALIFICATIONS TABLE 17.2.1 OF THE LP  &L FSAR COMMITS TO REGULATORY GUIDE 1.58, "QUALIFI CATION OF NUCLEAR POWER PLANT INSPECTION, EXAMINAT ION, AND TESTING PERSONNEL," AS GUIDANCE FOR QUALI FICATION REQUIREMENTS FOR QC PERSONNEL. THESE REQ UIREMENTS INCLUDE WORK EXPERIENCE CRITERIA FOR CER TIFICATION TO EACH INSPECTION LEVEL. REGULATORY G UIDE 1.58 ENDORSED ANSI N45.2.6 WHICH ESTABLISHES WORK EXPERIENCE REQUIREMENTS OF FOUR YEARS FOR LEV EL II INSPECTORS AND ONE YEAR FOR LEVEL I INSPECTO RS. CONTRARY TO THE ABOVE: 1. THE LICENSEE'S CO NTRACTOR FOR INSTALLATION OF THE NUCLEAR STEAM SUP PLY SYSTEM UTILIZED INDIVIDUALS AS INSPECTORS WHO DID NOT POSSESS THE LEVEL OF EXPERIENCE DEFINED IN REGULATORY GUIDE 1.58 FOR THEIR CERTIFICATION LEV EL. A LEVEL II INSPECTOR ASSIGNED TO PERFORM BACK SHIFT INSPECTIONS FOR NISCO ONLY POSSESSED WORK E XPERIENCE OF ONE AND ONE-HALF YEARS AT TIME OF LEV EL II CERTIFICATION. 2. A NISCO QC "TECHNICIAN" WAS PERFORMING INSPECTIONS IN ACCORDANCE WITH INSP ECTION PROCEDURES ES-67E, "GENERAL CLEANING AND HO USEKEEPING," AND ES-148, "WELDER SURVEILLANCE." T HE QC TECHNICIAN APPARENTLY HAD NO QUALIFYING WORK EXPERIENCE AT THE TIME OF PERFORMANCE OF INSPECTI ONS NORMALLY PERFORMED BY LEVEL I AND LEVEL II INS PECTORS. |
| <br>248051B | 050003828009     | 2                      |                        | 80              | 18    | FAILURE TO FOLLOW PROCEDURES FOR THE DOCUMENTATION OF THE QUALITY ASSURANCE PROGRAM CRITERION V OF A PPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AF FECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE A PPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. THE "NISCO QA MANUAL — ASM E SECTION III," SECTION 4.4.3 REQUIRES THAT A VEND OR PERFORMANCE RECORD FILE BE MAINTAINED IN THE NI SCO HOME OFFICE, WITH COPIES OF THE RECORDS IN THIS FILE FORWARDED TO THE FIELD QA/QC MANAGER. SECTION 15.2.2.3 REQUIRES THAT THE ENTIRE QA PROGRAM B  |

01/26/84

#### 766 DATA FOR WATERFORD-3 (05000382) 1974 TO PRESENT OUTPUT SORTED BY MODULE NUMBER/PHASE 2 ONLY

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY | COMPLETE | STAFF | TEXT   |
|---------|------------------|------------------------|----------|----------|-------|--|
| 2480518 | 050003828009     | 2                      | 1        | 80       | 18    | E AUDITED ON AN ANNUAL CYCLE TO VERIFY ITS IMPLEME NTATION. CONTRARY TO THE ABOVE: ON APRIL 23, 198 0, DURING A REVIEW OF QUALITY RECORDS ASSOCIATED WITH AUDITS, THE IE INSPECTOR DISCOVERED THAT COPIES OF THE RECORDS IN THE VENDOR PERFORMANCE RECORD FILES WERE NOT AVAILABLE AT THE SITE AS REQUIRED BY SECTION 4.4.3 FOR VENDOR AUDITS APPLICABLE TO THE JOB SITE. IN ADDITION, A REVIEW OF AUDITS 30.15-1 THROUGH 30.15-17 DETERMINED THAT THE ENTIRE QUALITY ASSURANCE PROGRAM HAD NOT BEEN REVIEWED DURING THE TWELVE MONTH PERIOD OF 1979 AS REQUIRED BY SECTION 15.2.2.3. THE NISCO QA/QC PERSONNEL AGREED THAT AN AUDIT OF THE ENTIRE PROGRAM COULD NOT BE DEMONSTRATED FOR 1979.  FAILURE TO PERFORM REQUIRED INSPECTIONS AS PRESCRIBED IN CONTRACT INSPECTION PROCEDURES CRITERION VOF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. THE "NISCO QA MANUAL ASME, SECTION III," SECTION 5.6.5 REQUIRES THAT PERIODIC INSPECTIONS OF THE STORAGE AREAS BE CONDUCTED BY THE FIELD QA/QC MANAGER OR HIS DESIGNEE TO |

Contamuent Steel PONENTS WHILE IN STORAGE. NISCO PROCEDURE ES-67-C E, "GENERAL CLEANING AND HOUSEKEEPING," REQUIRES A DAILY INSPECTION AND EXAMINATION OF THE STORAGE A REA FOR CONFORMANCE TO SPECIFICATION REQUIREMENTS. IN ADDITION, "CARE AND MAINTENANCE INSTRUCTION # 36" REQUIRES A MONTHLY INSPECTION OF THE GENERAL C ONDITION OF THE FLOW BAFFLE ASSEMBLY AND THE REACT OR VESSEL CLOSURE HEAD LIFTING RIG, TWO COMPONENTS CURRENTLY IN THE NISCO STORAGE AREA AT THE TIME O F THIS INSPECTION. CONTRARY TO THE ABOVE: ON APR IL 23. 1980, THE IE INSPECTOR DETERMINED, FROM A R EVIEW OF DAILY INSPECTION REPORTS AND FROM DISCUSS IONS WITH CONTRACTOR INSPECTION PERSONNEL, THAT TH E DAILY INSPECTIONS HAVE NOT BEEN PERFORMED AS REQ UIRED SINCE 1978. IN ADDITION, DURING OBSERVATION OF THE STORAGE CONDITIONS OF THE FLOW BAFFLE 195E MBLY AND THE REACTOR VESSEL CLOSURE HEAD LIFTING R IG, IT WAS DETERMINED FROM THE LACK OF RECORDS AND

PRECLUDE DAMAGE TO SAFETY-RELATED MATERIALS OR COM

FROM DISCUSSIONS WITH NISCO QA PERSONNEL THAT INS PECTIONS DEFINED BY "CARE AND MAINTENANCE INSTRUCT

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT   |
|---------|------------------|------------------------|------------------------|-----------------|-------|--|
| 248051B | 050003828009     | 2                      |                        | 80              | 18    | ION #36" HAD NOT BEEN PERFORMED ON A MONTHLY BASIS AS REQUIRED FOR THIS EQUIPMENT SINCE EQUIPMENT RECEIPT BY NISCO IN FEBRUARY 1980.  FAILURE TO FOLLOW CONTRACT PROCEDURES RELATIVE TO THE STORAGE OF SAFETY-RELATED EQUIPMENT CRITERION VOF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. SECTION P.9 OF THE EDASCO CONTRACT SPECIFICATION FOR NISCO, CONTRACT NO. W3-NY-18, REQUIRES THAT THE CONTRACTOR ABIDE BY THE GUIDELINE PROVISION OF ANSI N45.2.2, "PACKAGING, SHIPPING, RECEIVING, STORAGE, AND HANDLING OF ITEMS FOR NUCLEAR POWER PLANTS." SECTION 6.1.1 REQUIRES THAT DURING CONSTRUCTION THE POSSIBILITY OF DAMAGE TO MATERIALS OR COMPONENTS OR THE LOWERING OF QUALITY DUE TO CORROSSION, CONTAMINATION, OR DETERIORATION BE MINIMIZED. SECTION 6.1.2 REQUIRES THAT ITEMS SUCH AS PIPING BE STORED ON CRIBBING OR EQUIVALENT TO ALLOW FOR AIR CIRCULATION AND TO AVOID TRAPPING WATER, AND THAT STORAGE AREAS BE MARKED AND DESIGNATED FOR STORAGE. SECTION 6.3.3 REQUIRES THAT ALL MATERIALS BE IDENTIFIED, WITH PROPER PROTECTION FROM MOVEMENT OF EQUIPMENT. CONTRARY TO THE ABOVE: ON APRIL 23, 1980, DURING A TOUR OF THE NISCO STORAGE AREA, THE IE INSPECTOR OBSERVED THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE FOLLOWING: 1. THE NISCO STORAGE AREA WAS NOT THE RESTRAINTS (E8-E6-W1) WERE NOT PROPERLY STORE DON DUNNAGE; SOME OF THE DUNNAGE WAS STACKED ON THE PROPERCY STORE WAS ASSEMBLY (NISCO RIF-211, P.O. 403402) WAS OUTSIDE OF ITS |
| 248051B | 050003828218     |                        |                        | 100             | 4     |  |
| 248053B | 050003827602     |                        | 1.757                  | 10              | 6     |  |
| 248053B | 050003827604     |                        |                        | 20              | 3     |  |

| 10DULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT   |
|---------|------------------|------------------------|------------------------|-----------------|-------|--|
| 248053B | 050003827607     |                        |                        | 50              | 4     |  |
| 248053B | 050003827703     |                        |                        | 50              | 8     |  |
| 248053B | 050003827705     | -                      |                        | 70              | 4     |  |
| 248053B | 050003827708     | -                      | -                      | 80              | 6     |  |
| 248053B | 050003827806     |                        |                        | 80              | 4     |  |
| 248053B | 050003827807     | -                      |                        | 80              | 8     |  |
| 248053B | 050003827810     | -                      |                        | 90              | 4     |  |
| 248053B | 050003827811     | _                      |                        | 90              | 4     |  |
| 248053B | 050003828009     | -                      | 10.00                  | 100             | 4     |  |
| 248055B |                  | -                      | 1 - 1                  | 10              | 6     |  |
| 248055B |                  | - Con                  | forward                | 20              | 3     |  |
| 248055B |                  | - 64                   | cel-                   | 30              | 10    | 그리고 있다면 하게 되는 것 같아요. 그렇게 하는 것 같아 그 네트워.  |
| 248055B |                  |                        |                        | 50              | 8     |  |
| 248055B |                  |                        |                        | 50              | 5     |  |
| 248055B |                  | - 1                    | -                      | 95              | 8     |  |
| 248055B |                  | - 1                    | -                      | 100             | 4     | 사람이 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다. 그 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.  |
| 248061B | 050003828218     | -                      | c [-1.                 | 100             | 6     |  |
| 248063B |                  | - 0                    | Safeti                 | 10              | 2     |  |
| 248063B |                  |                        | Structure              | 10              | 10    |  |
| 248063B |                  |                        |                        | 50              | 10    | () [14] [14] [14] [14] [14] [14] [14] [14]   |
| 248063B |                  |                        |                        | 60              | 7     | 1985년 1일   |
| 248063B |                  | 2                      |                        | 70              | 9     | PERFORMING WELD REPAIR OF BASE METAL WITHOUT A PROCEDURE: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE PRESCRIBED BY DOCUMENTED PROCEDURES AND ACCOMPLISHED IN |

| MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|---------|--------------|------------------------|------------------------|----------|-------|---|
| 248063B | 050003827811 | 2                      |                        | 70       | 9     | ACCORDANCE WITH THESE PROCEDURES. CONTRARY TO THE ABOVE: ON SEPTEMBER 6, 1978, THREE WELDERS WERE OBSERVED PERFORMING WELD REPAIR OF BASE METAL FOR SAFETY RELATED SUPPORTS IN THE WALDINGER SITE HVAC FABRICATION SHOP. IT WAS DETERMINED BY THE IE IN SPECTOR THAT THESE ACTIVITIES WERE BEING PERFORMED WITHOUT A PROCEDURE. THE WALDINGER SITE QA SUPER VISOR ISSUED A "STOP-WORK ORDER" FOLLOWING NOTIFIC ATION OF THE CONCERN. BEFORE THE END OF THE INSPECTION ON SEPTEMBER 8, 1978, WALDINGER AND THE ARCH ITECT ENGINEER APPROVED PROCEDURE FWP 2.2-6, WHICH CONTROLS THE WELD REPAIR OF BASE METAL. |
| 248063B | 050003827902 |                        | 1                      | 80       | 13    |   |
| 2480638 | 050003828229 |                        | 157 ×                  | 100      | 6     |   |
| 248063B | 050003828317 | 5                      | 2                      | 100      | 26    | FAILURE TO PROVIDE REQUIRED SAFETY RELATED RECORD   |

S IN ACCORDANCE WITH ESTABLISHED PROCEDURES: CFR 50, APP B, CRITERION V STATES IN PART, "ACTIV ITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DO CUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, O F A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHA II BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTR UCTIONS, PROCEDURES, OR DRAWINGS." A. EBASCO SERV ICES, INC., (EBASCO) SPEC 860-75, "QA REQURMNTS F OR SUPPLIERS OF SAFETY-RELATED EQUIP AND SERVICES " PARA 4.17, QA RECORDS, STATES IN PART, "SUFFICI ENT RECORDS SHALL BE PRPRD AS WORK IS PERFRMD TO FURNSH DOCMENTRY EVIDNCE OF THE QUALITY OF ITMS A ND OF ACTIVITIES AFFCING QUALITY.... THE RECRDS SH ALL INCLUDE THE RESLTS OF REVIEWS, INSPECTIONS, T ESTS, AUDITS, MONITRNG OF WRK PERFRMNCE....REQUIR ED RECRDS SHALL BE IDENTIFIABLE AND RETRIEVABLE.. " AMERICAN BRIDGE PROCEDURE 23, REV B, OCT 4, 197 9. "QA DOCUMNTATH TURNOVER" PARA 6.4.1 STATES IN PRT. "IMPLMNTATH OF THIS PROCEDURE SHALL BE INITI ATED IN ADEQUTE TIME BEFR COMPLIN OF SITE ACTIVIT IES TO PRMIT EBASCO'S REVW & DETERMNIN OF ACCEPTA BILITY OF RECORDS..." CONTRY TO THE ABVE, EBASCO FAILD TO PROVD COMPLY QA RCRDS FRM AMER BRIDGE. S PECIFICLY, EBASCO FAILD TO PROVD ADEQT QA DOCMNTA TN FOR THE ERECTN OF STRUCTRL STEEL FOR THE MISSL PROTECTN OVER THE EAST & WEST MAIN STEAM ISOLATN VLVS. (50-382/8317-) B. ANSI 2.9-1974 PARA 3.2 I STATES THAT QULITY RECRDS SHL BE LEGBL, COMPLT

| TRUCTURAL STEEL: 10 CFR 50, APPENDIX B, CRITERION  XVII REQUIRES THAT RECORDS BE MAINTAINED TO FURN!  SH EVIDENCE OF ACTIVITIES AFFECTING QUALITY. THE  AMERICAN BRIDGE DIVISION PROCEDURE NO. 10, PARAGRI  PH 6.3.2, REQUIRES THAT INSPECTION PERSONNEL TEST  10% OF THE BOLTS IN EACH JOINT BUT NOT LESS THAN 1  WO BOLTS IN ANY ONE JOINT, AND THAT THE RESULTS OF  THE INSPECTION SHALL BE RECORDED ON FORM FQAP 10.  2. CONTRARY TO THE ABOVE: INSPECTION OF A SAMPLE  OF TORQUE TESTING RECORDS OF STRUCTURAL STEEL JOINTS REVEALED THAT RECORDS WERE INCOMPLETE FOR TWO  JOINTS IN THE STRUCTURE IN THE COOLING TOWER AREA  THE AFFECTED JOINTS WERE AT ELEVATION - 16.5 FEI  T AND +2 FEET, AND WERE COMPLETED ABOUT SEPTEMBER  14, 1977, AND AUGUST 5, 1977, RESPECTIVELY. AS A   | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT   |
|--|---------|------------------|------------------------|------------------------|----------|-------|--|
| 248065B 050003827811 60 5 248065B 050003827812 5 2 80 23 10CFFPART50, APPB, CRITERION V, STATES IN PART: A   | 248063B | 050003828317     | 5                      | 2                      | 100      | 26    | ED. ASP-IV-19, "CARING & MAINING OF PERMNENT PLNT SYSTMS" REV L, FEB 17, 1983 PARA 6.4.3 STATES IN PRI THT RECRD CRDS SHL HVE AS A MAININCE ID NO. THE CMI NO. TO WHCH THE ITM DESCRBD REFRS. FOR CM I'S WITH MORE THAN ONE ITM, AN ALPHAB SUFFX SHL BE ADDED WHN DEEMED NECESSRY BY THE EQUIP MAININCE SUPERV FOR EASE OF MAININCE DOCKMIN. CONTR TO THE ABVE, MAININCE & STORG RECRDS WERE NOT IDENTIFBLE FOR THE CORE SHROUD ASSEMBLY, CORE SUPPRT BARRL  |
| 248065B 050003827713 50 10  248065B 050003827802 3 60 5 FAILURE TO MAINTAIN INSPECTION DOCUMENTATION FOR STRUCTURAL STEEL: 10 CFR 50, APPENDIX B, CRITERION XVII REQUIRES THAT RECORDS BE MAINTAINED TO FUNNING THE AMERICAN BRIDGE OF ACTIVITIES AFFECTING QUALITY. THE AMERICAN BRIDGE DIVISION PROCEDURE NO. 10, PARAGRAPH 6.3.2, REQUIRES THAT INSPECTION PRESONNEL TEST 10% OF THE BOLTS IN EACH JOINT BUT NOT LESS THAN 100 BOLTS IN ANY ONE JOINT, AND THAT THE RESULTS DIVISION PERSONNEL TEST OF TORQUE TESTING RECORDED ON FORM FQAP 10-2. CONTRARY TO THE ABOVE: INSPECTION OF A SAMPLI OF TORQUE TESTING RECORDS MERE INCOMPLETE FOR TWO JOINTS IN THE STRUCTURE IN THE COOLING TOMER AREA THE AFFECTED JOINTS MERE AT ELEVATION -16.5 FET AND 42 FEET, AND MERE COMPLETED ABOUT SEPTEMBER 14, 1977, AND AUGUST 5, 1977, RESPECTIVELY. AS A RESULT OF THIS INSPECTION FINDING, THE SPECIFIC JINTS HAVE BEEN SUBSEQUENTLY TORQUE TESTED AND THE RESULTS PROPERLY RECORDED.  2488065B 050003827811 60 5  2488065B 050003827821 70 12  2488065B 050003828229 100 6  2488065B 050003828229 100 6 | 248064B | 050003828218     |                        |                        | 80       | 12    |  |
| 248065B 050003827812 3 60 5 FAILURE TO MAINTAIN INSPECTION DOCUMENTATION FOR 9   | 2480648 | 050003828229     | - II                   | Stroiture              | State)   | 4     |  |
| TRUCTURAL STEEL: 10 CFR 50, APPENDIX B, CRITERION  XVII REQUIRES THAT RECORDS BE MAINTAINED TO FURNIS SH EVIDENCE OF ACTIVITIES AFFECTING QUALITY. THE AMERICAN BRIDGE DIVISION PROCEDURE NO. 10, PARAGRI PH 6.3.2, REQUIRES THAT INSPECTION PERSONNEL TEST 10% OF THE BOLTS IN EACH JOINT BUT NOT LESS THAN 1 MO BOLTS IN ANY ONE JOINT, AND THAT THE RESULTS OI THE INSPECTION SHALL BE RECORDED ON FORM FQAP 10- 2. CONTRARY TO THE ABOVE: INSPECTION OF A SAMPLI OF TORQUE TESTING RECORDS WERE INCOMPLETE FOR TWO JOINTS IN THE STRUCTURE IN THE COOLING TOWAR AREA THE AFFECTED JOINTS WERE AT ELEVATION - 16.5 FEI T AND +2 FEET, AND WERE COMPLETED ABOUT SEPTEMBER 14, 1977, AND AUGUST 5, 1977, RESPECTIVELY. AS A RESULT OF THIS INSPECTION FINDING, THE SPECIFIC JI INTS HAVE BEEN SUBSEQUENTLY TORQUE TESTED AND THE RESULTS PROPERLY RECORDED.  248065B 050003827811 60 5  248065B 050003827902 - 70 12  248065B 050003828229 - 100 6  248065B 050003828229 - 100 6  | 248065B | 050003827713     | -                      |                        | 50       | 10    |  |
| 248065B 050003827902 - 70 12 248065B 050003828229 - 100 6 248066B 050003828229 5 2 80 23 10CFRPART50, APPB, CRITERION V, STATES IN PART: A   | 2480658 | 050003827802     | 3                      |                        | 60       | 5     | AMERICAN BRIDGE DIVISION PROCEDURE NO. 10, PARAGRA PH 6.3.2, REQUIRES THAT INSPECTION PERSONNEL TEST 10% OF THE BOLTS IN EACH JOINT BUT NOT LESS THAN T WO BOLTS IN ANY UNE JOINT, AND THAT THE RESULTS OF THE INSPECTION SHALL BE RECORDED ON FORM FQAP 10-2. CONTRARY TO THE ABOVE: INSPECTION OF A SAMPLE OF TORQUE TESTING RECORDS OF STRUCTURAL STEEL JOINTS REVEALED THAT RECORDS WERE INCOMPLETE FOR TWO JOINTS IN THE STRUCTURE IN THE COOLING TOWER AREA. THE AFFECTED JOINTS WERE AT ELEVATION - 16.5 FEET AND HERE COMPLETED ABOUT SEPTEMBER 14, 1977, AND AUGUST 5, 1977, RESPECTIVELY. AS A RESULT OF THIS INSPECTION FINDING, THE SPECIFIC JOINTS HAVE BEEN SUBSEQUENTLY TORQUE TESTED AND THE |
| 248065B 050003828229 100 6 248066B 050003828218 5 2 80 23 10CFRPART50, APPB, CRITERION V, STATES IN PART: A  | 248065B | 050003827811     |                        |                        | 60       | 5     |  |
| 248064R 05000382821R 5 2 80 23 10CFRPART50, APPB, CRITERION V, STATES IN PART: A   | 248065B | 050003827902     |                        |                        | 70       | 12    |  |
| 248066B 050003828218 5 2 80 23 10CFRPART50, APPB, CRITERION V, STATES IN PART: A CTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED B   | 248065B | 050003828229     |                        | -                      | 100      | 6     |  |
|  | 2480668 | 050003828218     | 5                      | 2                      | 80       | 23    | 10CFRPART50, APPB, CRITERION V, STATES IN PART: A CTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED B  |

|   | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT    | STAFF | TEXT   |
|---|---------|------------------|------------------------|------------------------|--------|-------|--|
|   | 2480668 | 050003828218     | Salet                  | 2 Stoute               | 80     | 23    | Y DOCUMENTED INSTRUCTIONS, PROCE<br>OF A TYPE APPROPRIATE TO THE CI<br>HALL BE ACCOMPLISHED IN ACCORDAN<br>TRUCTIONS, PROCEDURES OR DRAWING<br>E ABOVE, AN UNSPECIFIED WELD HAD<br>ACH A PLATE TO A DIAGONAL HORIZO<br>AT ELEVATION 53' LOCATION 9' 9"<br>EST AT COLUMN L-10 AZ INSTEAD OF<br>ATE WITH BOLTING AS SPECIFIED BY |
|   | 2480668 | 050003828229     | - 1                    |                        | (90)   | 4     |  |
|   | 249051B | 050003827809     | - ,                    | 0l. +                  | . 10   | 34    |  |
| 1 | 249051B | 050003827812     | - V                    | xinia).                | 14/ 20 | 16    |  |
|   | 249051B | 050003828205     |                        | Bound                  | 50     | 3     |  |
|   | 249053B | 050003827916     |                        |                        | (50)   | 2     |  |
|   | 249055B | 050003828206     | -                      |                        | (80)   | 3     |  |
|   | 2490568 | 050003828206     |                        |                        | 88     | 3     |  |
|   | 249061B | 050003827706     | -                      | 9 -                    | 10     | 21    |  |
|   | 2490618 | 050003827707     | - <                    | choto                  | 20     | 4     |  |
|   | 2490618 | 050003827708     | - 1                    | 070                    | 50     | 18    |  |
|   | 249061B | 050003827709     | 2                      | 101                    | 60     | 18    | FAILURE TO PROVIDE APPROPRIATE D   |

EDURES OR DRAWINGS IRCUMSTANCES AND S NCE WITH THESE INS GS. CONTRARY TO TH D BEEN USED TO ATT ONTAL ANGLE BRACE NORTH AND 6' 9" W F ATTACHING THE PL Y EBASCO G-842D.

DOCUMENTED PROCEDUR E FOR CONTROL OF HANGER INSTALLATION ACTIVITIES: 10CFR PART 50, APPENDIX B, CRITERION V, REQUIRES T HAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIB ED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAW INGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES. CONTRACT W3-NY-11 FOR ERECTION OF PLANT PROCESS PI PING AND PERFORMANCE OF RELATED WORK IN "SPECIAL C ONDITIONS" REQUIRES THAT PRIOR TO THE START OF WOR K, THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER A DETAILED PIPE SUPPORT ERECTION PROCEDUR E TO INCLUDE PROVISIONS FOR INSPECTION OF FITUP AN D NONDESTRUCTIVE EXAMINATION OF WELDS. CONTRARY T O THE ABOVE, FORTY-SEVEN (47) CONTAINMENT SPRAY HA NGERS WERE INSTALLED BY TOMPKINS-BECKWITH IN ACCOR DANCE WITH PROCEDURE TBP-24, "HANGER INSTALLATION

| MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY | PCT | STAFF | TEXT  |
|---------|--------------|------------------------|----------|-----|-------|---|
| 2490618 | 050003827709 | 2                      |          | 60  | 18    | PROCEDURE, WHICH DID NOT CONTAIN PROVISIONS FOR I NSPECTION OF FITUP AND NONDESTRUCTIVE EXAMINATION. OF WELDS. PROCEDURE TBP-24 WAS SUPPLEMENTED FOR THE HANGER INSTALLATION WITH UNDOCUMENTED ORAL INSTAUCTIONS PRESCRIBING THE REQUIRED INSPECTION ACTIVITIES.  |
| 249061B | 050003827710 |                        | Page 11  | 80  | 5     |   |
|         | 050003827712 |                        |          | 10  | 5     |   |
| -       | 050003827713 |                        | -        | 10  | 4     |   |
|         | 050003827714 | 2                      |          | 10  | 2     | FAILURE TO PROVIDE APPROVED SKETCHES FOR INSTALLAT ION OF SAFETY RELATED PIPING. 10 CFR PART 50, AP PENDIX B, CRITERION VI REQUIRES THAT DOCUMENTS BE REVIEWED FOR ADEQUACY AND APPROVED FOR RELEASE BY AUTHORIZED PERSONNEL. THE LP&L QA MANUAL, REQUIRE MENT QR6.0, REQUIRES THAT MAJOR CONTRACTORS HAVE PROGRAMS THAT ASSURE CONTROLLED DOCUMENTS ARE REVIEWED FOR ADEQUACY AND APPROVED FOR RELEASE BY AUTHORIZED PERSONNEL. CONTRARY TO THE ABOVE, DRAVO SKE TCH E-2083 IC-71 ISSUED TO TOMPKINS-BECKWITH BY EB ASCO DOCUMENT CONTROL FOR USE DURING INSTALLATION OF SAFETY RELATED PIPING WAS NOT SIGNED IN THE "AP PROVED" BLOCK BY DRAVO. |
| 2490638 | 050003827801 |                        | -        | 10  | 4     |   |
| 249063B | 050003827805 |                        | 11-30    | 10  | 2     | 마스 마른 다 하다면 나면서 이번에 다 내가 되었다. 그래 얼마 없다.   |
|         | 050003827807 |                        | *        | 20  | 16    | [시기] [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [  |
| 249063B | 050003827814 |                        |          | 20  |       | 그 사이 아이들은 아이를 하면 하면 하는 사람이 되었다.   |
| 249063B |              |                        |          | (50 | ) 3   | 요즘 이 집에 마셨는데, 이 왕이들은 아니 맛있어요. 얼룩했다.   |
| 249063B | 050003828205 |                        |          | 10  | 12    | 그리다 사람이 하면 중요한 사람들은 모든 사람들은 살이 없었다.   |
| 249063B | 050003828208 |                        | 0.1      | 10  | 5     | 않는데 얼마나 얼마나 나라가 내다가 얼마나 얼마나 없었다.  |
|         | 050003827712 |                        |          | 10  | 4     | 그는 이 그는 그리다가 하셨다. 이 5번째 그리다 하나 없다.  |
|         | 050003827713 |                        |          | 10  | 2     |   |
| 249065B | 050003827714 |                        |          |     |       |   |
| 249065B | 050003827801 | -                      |          | 10  | ,     |   |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT  | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|------|-------|---|
| 2490658 | 050003827803     |                        |                        | 20   | 42    |   |
| 249065B | 050003827895     | - /                    | 1-1                    | 20   | 8     |   |
| 249065B | 050003827807     | - >                    | ate_                   | 30   | 16    |   |
| 249065B | 050003827810     |                        | Dis                    | 50   | 2     |   |
| 249065B | 050003828205     | - 1                    | (F.Y )                 | 10   | 4     |   |
| 2490658 | 050003828208     |                        |                        | (89) | 4     |   |
| 2500518 | 050003827607     | -                      | -                      | 10   | 4     |   |
| 250051B | 050003827814     | -                      |                        | 20   | 8     |   |
| 250051B | 050003827815     |                        |                        | 20   | 10    |   |
| 250051B | 050003827816     | -                      | -                      | 20   | 10    |   |
| 250051B | 050003827901     | - VI                   | 550 - 1.               | 100  | 2     |   |
| 250053B | 050003827607     | - '                    | LHALON                 | 10   | 4     |   |
| 250053B | 050003827608     | - 1/                   | HSTALL.                | 10   | 6     |   |
| 250053B | 050003827814     |                        |                        | 20   | 16    |   |
| 250053B | 050003827815     | -                      |                        | 20   | 14    | 대한 경영화 등을 가지 않았다며 그 것은 지난 성명보였다. (E. )  |
| 250053B | 050003827816     |                        |                        | 20   | 10    |   |
| 250053B | 050003827901     |                        | 1 han 4 200            | 80   | 5     |   |
| 250053B | 050003828205     |                        | -                      | (85) | 2     |   |
| 2500558 | 050003827901     | -                      | _                      | (80) | 8     |   |
| 250063B | 050003828205     | 4                      | 4                      | 50   | 6     | FAILURE TO FOLLOW PROCEDURES FOR PROTECTION OF AN D ACCESS TO REACTOR VESSEL, REACTOR VESSEL HEAD, AND UPPER AND LOWER INTERNALS. |

FAILURE TO FOLLOW PROCEDURES FOR PROTECTION OF AN D ACCESS TO REACTOR VESSEL, REACTOR VESSEL HEAD, AND UPPER AND LOWER INTERNALS.
FAILURE TO PROVIDE PROMPT AND APPROPRIATE CORRECT IVE ACTION TO NEGATIVE INSPECTION FINDINGS REGARD ING REACTOR VESSEL CLEANLINESS.

vessel internals

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|----------|-------|---|
| 250063B | 050003828206     | 4                      | 2                      | (56)     | 2     | REPETITIVE FAILURE TO PROVIDE PROMPT AND APPROPRI ATE CORRECTIVE ACTION TO NEGATIVE INSPECTION FIND INGS REGARDING REACTOR VESSEL HEAD CLEANLINESS: CRITERION XVI OF 10CFR50, APP B STATES, "MEASUR ES SHALL BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY IDENTIFIED AND CORRECTED." CONTRARY TO THE ABOVE, A REVIEW OF NIS CO INSPECTION REPTS SHOW FAILURE TO PROMPTLY CORRECT CONDITIONS ADVERSE TO QUALITY. ALL HOUSEKEEPING REPTS BY NISCO QC FOR APR 1-29, 1982, SHOW UNA CCEPTABLE CLEANLINESS AND PROTECTIVE COVERING FOR THE REACTOR VESSEL HEAD. THESE REPTS (NISCO HOUSEKEEPING INSPECTION REPT FORM FS-68) SHOW REPEATE DREJECTED CLEANLINESS. THIS CONDITION IS THE SAME AS REPORTED IN A VIOLATION ASSOCIATED WITH NRC INSPECTION REPT 82-05 CONDUCTED MAR 1-5, 1982. THE SEE CONDITIONS WERE NOT ACTED UPON AND THE SAME CONDITION APPEARED WHEN THE NRC INSPECTORS TOURED ON MAY 10, 1982. THIS IS A SEVERITY LEVEL IV VIOL |
| 250065B | 350003828316     |                        |                        | 50       | 6     | ATION.  |
| 250071B | 050003827601     | -                      |                        | 10       | 5     |   |
| 250071B | 050003827610     | - (                    | uponent.               | 20       | 16    |   |
| 250071B | 050003827702     | -                      | 1                      | 50       | 12    |   |
| 250071B | 050003827703     |                        |                        | 80       | 4     |   |
| 250071B | 050003827705     |                        |                        | 80       | 4     |   |
| 250071B | 050003827706     |                        |                        | 100      | 3     |   |
| 250071B | 050003827707     | -                      | -                      | 50       | 10    |   |
| 2500718 | 050003827710     |                        |                        | 70       | 10    |   |
| 250071B | 050003827711     |                        |                        | 80       | 8     |   |
| 250071B | 050003827816     |                        |                        | 80       | 2     |   |
| 250071B | 050003828002     |                        |                        | 100      | 8     |   |
|         | 050003828206     |                        |                        | 100      | 6     |   |

|   | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |  |
|---|---------|------------------|------------------------|------------------------|-----|-------|---|--|
|   | 250073B | 050003827601     | -                      |                        | 10  | 5     |   |  |
|   | 250073B | 050003827607     | -                      |                        | 10  | 4     |   |  |
|   | 250073B | 050003827608     |                        |                        | 10  | 6     |   |  |
|   | 250073B | 050003827714     | -                      |                        | 20  | 8     | 선생님들 아이는 것이 그렇게 하는 것이 나를 받는데 하는데 없다.  |  |
|   | 250073B | 050003827801     |                        |                        | 20  | 4     |   |  |
|   | 250073B | 050003827812     |                        |                        | 30  | 8     |   |  |
|   | 250073B | 050003827816     |                        |                        | 40  | 4     | JE 공급 : '' '' : '' : '' : '' : '' : '' : '  |  |
|   | 250073B | 050003828002     |                        |                        | 90  | 3     | 프랑테를 보는 말이 가면 얼마나 그리고 살아가다고 생생이 되었다.  |  |
|   | 250073B | 050003828303     |                        |                        | 100 |       |   |  |
|   | 2500748 | 050003827904     | 2                      |                        | 10  | 10    | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATED TO CARE AND MAINTENANCE OF SAFETY RELATED COMPONENTS:  CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPL ISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES, AND DRAWINGS. EBASCO PROCEDURE CMI #1 , "CARE AND MAINTENANCE INSTRUCTIONS FOR THE CVCS CHARGING PUMPS" PER PARAGRAPH D.1 REQUIRES THAT TH E CHARGING PUMPS BE PROVIDED WITH ADEQUATE PROTECT ION FROM DAMAGE OR DETERIORATION AS A RESULT OF CO NDITIONS OR ACTIVITIES IN THE VICINITY, AFTER BEIN G MOVED TO IN-PLACE STORAGE. CONTRARY TO THE ABOV E: ON MARCH 21, 1979, IT WAS NOTED THAT, ALTHOUGH (1) SCAFFOLDING WAS ERECTED IN THE AREA OF THE TH REE INSTALLED CHARGING PUMPS, (2) SOME SCAFFOLDING STRUCTURE WAS PLACED ON PUMPS AND PUMP FOUNDATION S, AND (3) THE AREA WAS CLUTTERED WITH TRASH AND D EBRIS, NO PROTECTIVE MEASURES EXISTED TO PROTECT T HE PUMPS FROM DAMAGE OR DETERIORATION. |  |
| _ | 250074B | 050003828303     | -                      |                        | 100 | 8     | 그런 그 아이들이 그 전에 가고 있다면 하는데 하는데 하는데 하는데 되었다.  |  |
|   | 250075B | 050003827703     | 7 - 1                  |                        | 10  | 4     |   |  |
|   | 250075B | 050003827714     | -                      |                        | 20  | 3     |   |  |
|   | 250075B | 050003827801     | -                      | -                      | 20  | 4     | [10] [14] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16  |  |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----------------|-------|---|
| 250075B | 050003827816     | -                      | -                      | 30              | 4     |   |
| 250075B | 050003828002     | - 1                    |                        | 90              | 4     |   |
| 50075B  | 050003828206     |                        |                        | 90              | 6     | 생겨를 보는 하는 보고 하는 것은 살이 보고 있다면 보다 되었다.  |
| 50075B  | 050003828303     |                        |                        | 100             | 2     |   |
| 250076B | 050003827904     | (m/                    | ments                  | 10              | 10    | FAILURE TO PERFORM REQUIRED SURVEILLANCES AS REQUIRED BY APPROVED PROCEDURES: CRITERION V OF APPEND IX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES, AND DRAWING S. PARAGRAPH 6.10.1 OF EBASCO PROCEDURE ASP-IV-3, "GENERAL HOUSEKEEPING" REQUIRES EBASCO QUALITY CONTROL PERSONNEL TO PERFORM WEEKLY SURVEILLANCES OF THE WORK AREAS TO ASSURE THE ADEQUACY OF CLEANLINESS AND THE ADEQUACY OF HOUSEKEEPING PRACTICES IN THE WORK AREAS. THESE SURVEILLANCES ARE TO BE DOCUMENTED PER PARAGRAPH 6.10.1.5 OF THIS SAME PROCEDURE. CONTRARY TO THE ABOVE: DISCUSSIONS ON MARCH 22, 1979, WITH LP&L AND EBASCO PERSONNEL CONFIRME DISTALLED CVCS CHARGING PUMPS, WERE NOT BEING PERFORMED NOR DOCUMENTED AS REQUIRED BY THIS PROCEDURE. |
| 250076B | 050003828303     | - 1                    |                        | 100             | 8     |   |
| 250090B | 050003827904     | - ]                    | 120 mg m               | 10              | 8     |   |
| 250090B | 050003828010     | SIL                    | youth                  | 40              | 18    | FAILURE TO CONTROL USE OF CALIBRATED TOOL WITHIN N ECESSARY LIMITS: CRITERION XII OF APPENDIX B TO 1 O CFR 50 REQUIRES THAT TOOLS, GAUGES, INSTRUMENTS, AND OTHER MEASURING AND TESTING DEVICES USED IN A CTIVITIES AFFECTING QUALITY BE PROPERLY CONTROLLED , CALIBRATED, AND ADJUSTED AT SPECIFIED PERIODS TO MAINTAIN ACCURACY WITHIN NECESSARY LIMITS. TOMPKI NS-BECKWITH PROCEDURE NO. TBP-33, REV B, "PROCEDUR E FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS I CONCRETE," EXHIBIT I, "EXPANSI ON ANCHOR TEST AND INSPECTION DATA," REQUIRES THAT 1/2 INCH DIAMETER BOLTS BE TORQUED TO A VALUE BETW EEN 90 AND 100 FOOT-POUNDS (FT-LBS). CONTRARY TO T HE ABOVE: THE 1/2 INCH DIAMETER ANCHOR BOLTS ON PI   |

| MODULE® | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----------------|-------|---|
| 2500908 | 050003828010     | 2                      | esti                   | ints            | 18    | PE RESTRAINT NO. CDRR-322 WERE TORQUED USING CONTROLLED TOOL NO. 256 WHICH WAS NOT CALIBRATED FOR THE RANGE OF TORQUE VALUES SPECIFIED IN PROCEDURE TB P-33.  FAILURE TO FOLLOW PROCEDURES FOR CONTROL OF DESIGN MODIFICATIONS: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY B E PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURE S, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUM STANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. CRITERION III OF APPENDIX B TO 10 CFR 50 STATES IN PART THAT, "DESIGN CHANGES, INCLUDING FIELD CHANGE S, SHALL BE SUBJECT TO DESIGN CONTROL MEASURES COMMENSURATE WITH THOSE APPLIED TO THE ORIGINAL DESIGN AND BE APPROVED BY THE ORGANIZATION THAT PERFORM ED THE ORIGINAL DESIGN UNLESS THE APPLICANT DESIGN ATES ANOTHER RESPONSIBLE ORGANIZATION." TOMPKINS-BECKWITH (T-B) PROCEDURE NO. ASP-IV-37, REV H, "CONTROL OF 'AS-BUILT' INFORMATION FOR PIPING AND PIPE SUPPORT SYSTEMS," PARAGRAPH 1.2 STATES THAT THIS PROCEDURE IS INTENDED FOR, "MAKING MINOR MODIFICATIONS IN THE FIELD WHICH DO NOT AFFECT THE INTENT OF THE DESIGN." PARAGRAPH 4.2 STATES, "MINOR MODIFICATIONS ARE LIMITED TO THOSE SPECIFIED IN PARAGRAPH 6.3." PARAGRAPH 6.3 DOES NOT INCLUDE PIPE SUPPORT AND RESTRAINT DESIGN MODIFICATIONS WHICH REQIRE A NEW ENGINEERING STRESS ANALYSIS. CONTRARY TO THE ABOVE: PIPE RESTRAINT NO. CDRR-322 WAS MODIFIED, THROUGH THE USE OF PROCEDURE ASP-IV-37, TO REPLA A NEW ENGINEERING STRESS ANALYSIS. CONTRARY TO THE ABOVE: PIPE RESTRAINT NO. CDRR-322 WAS MODIFIED, THROUGH THE USE OF PROCEDURE ASP-IV-37, TO REPLA CE TWO WAX13 BEAMS WITH A 4 IN. SQUARE BOX BEAM MAN NUFACTURED FROM 1/2 IN. STEEL PLATE. THROUGH DISCUSSIONS WITH LICENSEE REPRESENTATIVES, IT WAS DETERMINED THAT THE MODIFICATION WAS A MODIFICATION WHICH THE USE OF PROCEDURE ASP-IV-37, TO EPLA CHANGE WAS BEYOND THE SCOPE OF PROCEDURE ASP-IV-37, THE CHANGE WAS NOT SUBJECTED TO THOSE DESIGN CONTROL MEASURES APPLIED TO THE ORIGINAL DESIGN. |
| 250090B | 050003828020     | 2                      |                        | 40              | 20    | FAILURE TO FOLLOW PROCEDURAL REQUIREMENTS FOR THE TENSION TESTING OF INSTALLED EXPANSION ANCHORS: CRITERION V OF APPENDIX B TO 10CFR50 REQUIRES THAT  |

ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN AC

| MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT   |
|---------|--------------|------------------------|------------------------|----------|-------|--|
| 2500908 | 050003828020 | 2                      |                        | 40       | 20    | CORDANCE WITH THESE PROCEDURES. TOMPKINS-BECKWITH PROC TBP-33, "PROCEDURE FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS 1 CONCRETE "REQUIRES, IN SECT 6.1.2(B), THAT ONE OUT OF EACH 100 CONSECUTIVELY INSTALLED ANCHORS BE TENSION TE STED. CONTRARY TO THE ABOVE: ON AUG 12, 1980 THE I E INSPECTOR DISCOVERED, DURING A REVIEW OF THE EXP ANSION ANCHOR LOG (SHEETS 19 THRU 41) THAT THESE T ENSION TESTS HAD NOT BEEN PERFORMED ON INSTALLED E XPANSION ANCHORS AS REQUIRED BY THE ABOVE PROCEDUR E; AND FURTHERMORE, THESE TENSION TESTS HAD HOT BE EN PERFORMED AT ALL SINCE OCT 1979.  FAILURE TO FOLLOW PROCEDURAL REQUIREMENTS FOR THE INSTALLATION OF SAFETY-RELATED PIPING: CRITERION V OF APPENDIX B TO 10CFR50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUM STANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE PROCEDURES. SECT 2.32 OF EBASCO INSTRUCT ION PC-1, "INSTRUCTIONS FOR ERECTION OF PROCESS PIPING AND SUPPORTS" REQUIRES THAT FABRICATED PIPING IS TO BE HUNG IN SUPPORTS IN CORRECT POSITION BEFORE WELDING THE LINE TO ALLOW ROTATIONAL GIVE AND TAKE IN JOINT POSITIONING WHICH MAY BE NECESSARY TO MAKE ENDS MEET. CONTRARY TO THE ABOVE: ON AUG 14, 1980 THE IE INSPECTOR OBSERVED SEVEN FABRICATED SECTIONS OF SAFETY INJECTION PIPING IN PUMP RM B WHICH WERE NOT PROPERLY HUNG IN THE SUPPORTS IN CORRECT POSITION BEFORE WELDING. WELDING OPERATIONS HAD CONTINUED TO THE EXTENT THAT THE FABRICATED PIPING CONTINUED TO THE EXTENT THAT THE FAB |
| 250090B | 050003828110 |                        |                        | 20       | 10    |  |
| 250090B |              |                        |                        | 100      | 4     |  |
| 2500908 |              |                        |                        | 60       | 30    |  |
| 2500908 |              |                        | 2                      | 70       | 10    | FAILURE TO FOLLOW PROCEDURES/INSTRUCTIONS FOR THE CONTROL OF TEMPORARY AND AS-BUILT PIPE SUPPORTS/ RESTRAINTS: CRITERION V OF 10 CFR 50, APP B REQUI RES THAT ACTIVITIES AFFECTING SAFETY BE PERFORMED IN ACCORDANCE WITH THE PRESCRIBED PROCEDURES OR INSTRUCTIONS. THE NRC INSPECTORS IDENTIFIED THE FOLLOWING CONDITIONS WHERE PROCEDURES INVOLVING SA  |

| •  | MODULE# | DOCKET       | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT   |  |
|----|---------|--------------|------------------------|------------------------|----------|-------|--|--|
|    | 2500908 |              | fuelslove              | y rails                | 70       | 10    | FETY-RELATED ACTIVITIES WERE NOT FOLLOWED: A. CON DITION IDENT WORK AUTHORIZATION (CIWA) NO. 823607 DTD MAR 29, 1982, REQUIRED REMOVAL OF TEMPORARY HANGER SIRR-5001T, REV 0, FROM THE NORTH PUMP ROO M AND INSTALLATION OF SIRR-5001T, REV 2, IN THE SOUTH PUMP ROOM. THE CLOSED CIWA INDICATES WORK COMPLETED ON APR 2, 1982. CONTRARY TO THE ABVE, THE NRC INSPECTOR OBSERVED TEMPORARY HANGER SIRR-5001T, REV 0, STILL IN PLACE IN THE NORTH PUMP ROOM ON APR 7, 1982. B. THE REQUIREMENT OF EBASCO PROCASP-IV-89, ISSUE A, IS "TO ASSURE PIPE IS ADEQUATELY SUPPORTED FOR HYDROSTATIC TESTING AND FLUSH." CONTRARY TO THE ABVE, THE NRC INSPECTOR OBSERVE DPIPE SPOOL 2803-IC-35 SUPPORTED BY A WOODEN WED GE IN BLOCKOUT RATHER THAN BY REQUIRED HANGER SIR R-183, EVEN THOUGH THE SYSTEM WALKDOWN FOR FLUSH AND HYDRO WAS COMPLETE. PARA 6.5.6 OF ASP-IV-89, ISSUE A, STATES: "THE CONSTRUCTION ENG MECHANICALWILL INSPECT THE TEMP SUPPORT FOR CONFORMANCE TO THE TEMP DESIGN DRAWING. HE WILL SIGN AND DATE THE TEMP REQUEST FORM (ATT 7.2) INDICATING THE TEMP IS IN-PLACE PER THE DESIGN" CONTRARY TO THE ABVE, THE AS-BUILT CONDITION OF TEMP HANGER SIS R8707 (SYSTEM 60A) DEVIATES FROM DESIGN ALTHOUGH SIGNED AND DTD ATT 7.2 INDICATES COMPLIANCE. |  |
| ١. | 2500958 | 050003828218 | 7 - ,                  |                        | 100      | 16    |  |  |
|    | 251051B | 050003827815 | - V                    |                        | 10       | 8     |  |  |
|    | 251051B | 050003827902 | - Flor                 | Line                   | 20       | 5     |  |  |
|    | 251051B | 050003827903 | - )(-                  |                        | 20       | 4     | 그리고 하다 하나 나는 사람이 이 승규가 가는 것이 없었다.  |  |
| •  | 251051B | 050003827906 | -                      |                        | 20       | 2     |  |  |
|    | 2510518 | 050003828205 |                        | -                      | 40       | 8     | 나는 그들이 들어가 하는데 그렇게 살았다면 그래에 없었다.   |  |
|    | 2510518 | 050003828303 |                        |                        | 100      | 4     | 그림을 하는 사람들이 하는 사람들이 얼마나 되었다.   |  |
| _  | 2510538 | 050003827712 |                        |                        | 10       | 2     | 그 경기 : 그는 생각이 하는 바람이 아버지는 사람이 다시   |  |
|    | 251053B | 050003827808 | _                      |                        | 10       | 5     |  |  |
|    | 2510538 | 050003827903 | 2                      |                        | 10       | 6     | FAILURE TO FOLLOW APPROVED DRAWINGS - MOUNTING/INS<br>TALLATION OF CLASS IE 4160 VOLT SWITCHGEAR: CRITE  |  |

|  | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |  |
|--|---------|------------------|------------------------|------------------------|-----------------|-------|---|--|
| The state of the s | 2510538 | 050003827903     | 2                      |                        | 10              |       | RION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT AC TIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED I N ACCORDANCE WITH DOCUMENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS. EBASCO DRAWING 344-S01, REVISION 5; MANUFACTURER DRAWING (EBASCO NO.) 154 4015 R 3; DESIGN CHANGE NOTICE E-172; AND FIELD CHANGE REQUESTS E-390 AND E-449 REQUIRE THAT THE MOUNTING OF 4160 VOLT SWITCHGEAR 3AB3-S BE ACCOMPLISHED AS FOLLOWS: 1. USING A PLUG WELD AT EACH OF THE MANUFACTURER FURNISHED MOUNTING HOLES. 2. USING A 1/4 INCH LONG FILLET WELD BETWEEN THE MOUNTING ANGLE A NO THE EMBEDDED MOUNTING PLATE AT EACH PLUG WELD. THE NET RESULL OF THIS MOUNTING SHOULD BE APPROXIMATELY TEN PLUG MELDS AND TEN FILLET WELDS AROUND THE PERIPHERY OF EACH SWITCHGEAR SECTION ATTACHING THE MANUFACTURER FURNISHED MOUNTING ANGLE TO THE CONCRETE EMBEDDED MOUNTING CHANNELS. CONTRARY TO THE ABOVE: THE IE INSPECTOR, ON MARCH 8, 1979, OB SERVED THAT THE MOUNTING/INSTALLATION FOR THE SECTIONS OF 4160 VOLT SWITCHGEAR 3AB3-S HAD BEEN ACCOMPLISHED AT THE MOUNTING HOLES. 2. FOUR, 3 INCH FILLET WELDS (TWO AT THE FRONT AND TWO AT THE REAR) WERE UTILIZED. THE TWO AT THE REAR) WERE UTILIZED. THE TWO FILLET WELDS AT THE FRONT OF EACH SECTION WERE ON THE LIGHTER GAUGE STEEL BOTTOM PAN OF THE SWITCHGEAR INSTEAD OF THE MOUNTING ANGLE. THIS MOUNTING/INSTALLATION WAS SIGNED OFF ON OCTOBER 12, 1978, AS ACCEPTABLE BY QC ON QUALITY CONTROL CHECK LIST FOR EQUIPMENT INSTALLATION FOR 4160 VOLT SWITCHGEAR 3AB3-S. |  |
|  | 2510538 | 050003828206     |                        | -                      | 20              | 6     |   |  |
|  | 251053B | 050003828303     | -                      |                        | 100             | 7     |   |  |
|  | 2510548 | 050003827815     |                        | -                      | 10              | 16    |   |  |
|  | 2510548 | 050003827902     | -                      | -                      | 20              | 5     |   |  |
| -  | 2510548 | 050003827903     |                        |                        | 20              | 4     |   |  |
| •  | 2510548 | 050003828205     | 4                      | 4                      | 40              |       | FAILURE TO FOLLOW PERIODIC MAINTENANCE INSTRUCTIONS FOR ELECTRICAL EQUIPMENT.   |  |
|  | 251054B | 050003828219     | -                      |                        | 60              | 180   |   |  |
|  |         |                  |                        |                        |                 |       |   |  |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT                         |
|---------|------------------|------------------------|------------------------|-----------------|-------|------------------------------|
| 2510548 | 050003828303     | 11.                    |                        | 100             | 8     |                              |
| 2510548 | 050003828309     | -                      |                        | 100             | 8     |                              |
| 2510558 | 050003827712     | -                      |                        | 10              | 3     |                              |
| 2510558 | 050003827808     | -                      |                        | 10              | 5     |                              |
| 251055B | 050003827815     | -                      | -                      | 10              | 14    |                              |
| 251055B | 050003828105     | -                      |                        | 20              | 5     |                              |
| 2510558 | 050003828303     | - 1                    |                        | 100             | 7     |                              |
| 251055B | 050003828309     | -                      |                        | 100             | 7     |                              |
| 2510568 | 050003827902     | 2                      |                        | 10              | 9     | FAILURE TO FOLLOW APPROVED P |

Electrical

VED PROCEDURES DURING INITI ATED BATTERIES: CRITERION V OF APPENDIX B TO 10 CFR PART 50 REQUIRES THAT AC TIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED I N ACCORDANCE WITH DOCUMENTED INSTRUCTIONS AND PROC EDURES. EBASCO INSTRUCTION CMI-177, REVISION 5, F ISCHBACH AND MOORE PROCEDURE CP-311, REVISION 0, A ND GOULD INDUSTRIAL BATTERIES INSTRUCTION BOOK, DO CKET NO. 5817-889-RO REQUIRE THE FOLLOWING IN REGA RD TO SAFETY RELATED BATTERIES: 1. A MINIMUM OF SEVENTY HOURS INITIAL CHARGE. 2. THAT THE ELECTR OLYTE IS NOT TO BE REMOVED DURING THE INITIAL CHAR GE. 3. THE BATTERIES ARE TO BE PLACED ON A FLOAT CHARGE AND INDIVIDUAL CELL VOLTAGES, SPECIFIC GRA VITIES (CORRECTED TO 77 DEG F), AMBIENT TEMPERATUR E AND CELL TEMPERATURES BE RECORDED FOR ALL CELLS AND THE ELECTROLYTE LEVELS FOR 10% OF THE CELLS. 4. AN EQUALIZING CHARGE IS TO BE PERFORMED WHEN T HE SPECIFIC GRAVITY OF A CELL FALLS BELOW 1.205 AN D EVALUATION OF THE CONDITION IS TO BE DOCUMENTED. CONTRARY TO THE ABOVE: DURING THE INITIAL CHARG E OF 125 VDC CLASS IE BATTERIES 3A-S, 3B-S, AND 3AB -S FROM SEPTEMBER 20 TO SEPTEMBER 23, 1978, IT WAS DETERMINED THAT: 1. THE RECORDS FOR THE INITIAL CHARGE INDICATED THAT THE CHARGE DURATION WAS FOR TY-FOUR HOURS; HOWEVER, DISCUSSIONS WITH FISCHBACH AND MOORE INDICATED THAT ALL CHARGES LASTED SIXTY -EIGHT HOURS, TWO HOURS LESS THAN THE MINIMUM SPEC IFIED. 2. WHEN QUESTIONED CONCERNING LOW ELECTRO

| MODULE# | DOCKET       |   | SUPPLEMENT | PCT | STAFF | TEXT  |  |
|---------|--------------|---|------------|-----|-------|---|--|
| 2510568 | 050003827902 | 2 |            | 10  | 9     | LYTE LEVELS IN NUMEROUS CELLS, THE IE INSPECTOR WAS TOLD BY THE LICENSEE REPRESENTATIVE THAT ELECTRO LYTE HAD BEEN REMOVED FROM NUMEROUS CELLS DURING THE INITIAL CHARGE. 3. ALL THREE BATTERIES WERE PLACED ON OPEN CIRCUIT FOR THE FINAL SET OF READING SAND ONLY TWO CELL TEMPERATURES FOR 3A-SAND 3B-S, AND FOUR CELL TEMPERATURES FOR 3AB-SWERE RECORDED. NO ELECTROLYTE LEVELS WERE RECORDED AT ANY TIME DURING THE CHARGES, AS CONFIRM DBY THE LICENSE REPRESENTATIVE. 4. THE FINAL SPECIFIC GRAVITY LOG FOR BATTERY 3AB-STAKEN ON SEPTEMBER 25, 1978, INDICATED THAT CELLS NO. 4 AND 12 HAD SPECIFIC GRAVITIES OF 1.203. AN EQUALIZING CHARGE WAS NOT PERFORMED AND THE EVALUATION OF THIS CONDITION WAS NOT DOCUMENTED, AS CONFIRMED BY THE LICENSEE REPRESENTATIVE. |  |
| 2510568 | 050003827903 |   |            | 10  | 4     |   |  |
| 2510568 | 050003827906 |   |            | 20  | 2     |   |  |
| 2510568 | 050003828205 |   |            | 40  | 8     |   |  |
| 251056B | 050003828303 |   |            | 100 | 7     |   |  |
| 2510568 | 050003828309 | - |            | 100 | 7     |   |  |
| 2510618 | 050003827703 | - |            | 10  | 4     |   |  |
| 2510618 | 050003827705 | - |            | 10  | 20    |   |  |
| 2510618 | 050003827706 |   | -          | 60  | 10    |   |  |
| 2510618 | 050003827709 |   | *          | 60  | 7     | 네 - 얼마나를 수 있었으면 그렇게 하다고 하다 하다.  |  |
| 2510618 | 050003827905 |   | -          | 60  | 16    |   |  |
| 2510618 | 050003827906 | - | -          | 60  | 2     |   |  |
| 2510618 | 050003828005 | - |            | 70  | 3     |   |  |
| 2510618 | 050003828008 | - | -          | 70  | 2     |   |  |
| 251061B | 050003828027 |   |            | 70  | 4     |   |  |
| 2510618 | 050003828028 |   | -          | 70  | 5     |   |  |
|         |              |   |            |     |       |   |  |

| MODULE* | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF<br>HRS | TEXT     |     |
|---------|------------------|------------------------|------------------------|-----|--------------|----------|-----|
| 251061B | 050003828306     |                        |                        | 100 | 7            |          | 1.1 |
| 251063B | 050003827709     |                        |                        | 20  | 7            |          |     |
| 251063B | 050003827712     |                        | -                      | 20  | 5            |          |     |
| 251063B | 050003827714     | A                      | -                      | 20  | 3            |          |     |
| 251063B | 050003827801     | 100                    | -                      | 20  | 6            |          |     |
| 251063B | 050003827808     |                        | -                      | 20  | 1.1          |          |     |
| 2510638 | 050003827905     |                        | -                      | 20  | 8            |          |     |
| 251063B | 050003827906     |                        |                        | 20  | 4            |          |     |
| 2510638 | 050003828005     |                        |                        | 30  | 4            |          |     |
| 251063B | 050003828008     | Tille 1                |                        | 30  | 2            |          |     |
| 251063B | 050003828018     |                        | -                      | 30  | 5            |          |     |
| 251063B | 050003828028     |                        |                        | 70  | 5            |          |     |
| 251063B | 050003828031     | -                      | -                      | 70  | 8            | PLU GILL |     |
| 251063B | 050003828111     |                        | -                      | 70  | 3            |          |     |
| 251063B | 050003828112     |                        | -                      | 70  | 2            |          |     |
| 251063B | 050003828114     |                        | -                      | 80  | 3            |          | 4   |
| 2510638 | 050003828126     | -                      |                        | 80  | 2            |          |     |
| 251063B | 050003828127     |                        |                        | 90  | 2            |          |     |
| 251064B | 050003827709     |                        |                        | 2   | 7            |          | _   |
| 2510648 | 050003827906     |                        |                        | 30  | 6            |          |     |
| 251064B | 050003828008     |                        |                        | 40  | 2            |          | -   |
| 2510648 | 050003828018     | C. Salarini            |                        | 30  | 5            |          | -   |
| 251064B | 050003828028     |                        | 14                     | 70  | 4            |          |     |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----|-------|---|
| 251064B | 050003828031     |                        |                        | 70  | 8     |   |
|         | 050003828112     | -                      | -                      | 70  | 2     |   |
|         | 050003828114     |                        | -                      | 80  | 3     |   |
|         | 050003828126     | -                      | -                      | 80  | 2     |   |
|         | 050003828127     |                        | -                      | 90  | 2     |   |
|         | 050003827703     | -                      |                        | 10  | 4     |   |
|         | 050003827712     |                        |                        | 10  | 5     | 경기 시간 경기 가장 내가 있다면 하는데 내가 되었다.  |
|         | 050003827714     | 2                      |                        | 10  | 9     | CONTRARY TO CRITERION V OF APPENDIX B TO 10 CFR 50 AND QA REQUIREMENT QR5.0, NO TEMPERATURE OF HUMID ITY ACCEPTANCE CRITERIA ARE PROVIDED FOR LEVEL A A   |
|         |                  |                        |                        |     |       | ND LEVEL B WAREHOUSES. CONTRARY TO CRITERION V OF APPENDIX B TO 10 CFR 50 AND SECTION 6.4.1.1 OF PROCEDURE ASP-III-14, NO T EMPERATURE OR HUMIDITY DATA WERE RECORDED AS REQUI RED DURING LEVEL A AND LEVEL B WAREHOUSE SURVEILLA NCE FOR A SIX MONTH PERIOD. |
| 251065B | 050003827801     |                        |                        | 20  | 10    |   |
| -       | 050003827808     |                        | 14                     | 20  | 1     | 그 마른 그 중 나이 아니다 이 얼굴에서 그렇게 하는데 하나 가 들었다.  |
| 251065B |                  |                        |                        | 20  | 8     | 내가 살아내다 얼룩하다 나가 하나 살아 있다고 살아왔다. 나는 말한   |
|         | 050003828008     |                        | -                      | 30  | 2     | 그리다 하나 없는 이 나는 것이 없는 것이 없는데 없었다.  |
| 251065B |                  |                        | -                      | 30  | 5     |   |
| 251065B |                  |                        | -                      | 60  | 8     | [5] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1  |
| 251065B |                  |                        | -                      | 60  | 5     | 후도 (이 경우 하이의 전기에 어느를 하여 모든 데일 점점)   |
| 251065B |                  |                        |                        | 70  | 2     |   |
|         | 050083828112     |                        | -                      | 70  | 2     |   |
|         |                  |                        |                        | 80  | 3     |   |
| 251065B | 050003828114     |                        | -                      | 0.0 | 3     |   |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT   |
|---------|------------------|------------------------|------------------------|-----------------|-------|--|
| 251065B | 050003828127     |                        |                        | 90              | 3     |  |
| 251065B | 050003828229     |                        |                        | 100             | 8     | 나는 가장 보고 있는 사람들이 되었다. 나를 하는 것 같아 없는 것 같아.  |
| 251066B | 050003827703     |                        |                        | 10              | 4     |  |
| 251066B | 050003828008     |                        | - 1                    | 20              | 2     | B. (1945) [1965] [1965] - 1965 [1965] - 1965 [1965] - 1965 [1965] - 1965 [1965] - 1965 [1965] - 1965 [1965] -  |
| 251066B | 050003828018     | - 6                    | betreen                | 20              | 5     |  |
| 251066B | 050003828027     | - F,                   | -                      | 60              | 8     | [경기] 하는 사람이 가지 않아 아니는 사람이 되었다. 그리고 있다.   |
| 251066B | 050003828028     |                        | A -                    | 60              | 6     |  |
| 251066B | 050003828031     |                        |                        | 70              | 2     | [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]  |
| 251066B | 050003828229     |                        |                        | 100             | 8     |  |
| 252051B | 050003828022     | 34 24 <b>-</b>         |                        | 10              | 8     | 그렇게 되었다. 그 사람들이 가게 되는 것 같아. 그리고 있는데 없다.  |
| 252051B | 050003828026     |                        | estrumentat            | 20              | 10    | [발생생활] 경우 하는 사람들이 가는 선생님이 하나 되었다.  |
| 252051B | 050103828036     | - 2,                   | 1strumen"              |                 | 10    |  |
| 252051B | 050003828105     | -                      | -                      | 50              | 12    | 그는 경우 경우를 걸다고 있다. 그는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그   |
| 252051B | 050003828120     | 4.0                    |                        | 50              | 3     |  |
| 252051B | 050003828309     |                        | -                      | 100             | 2     | 이 아이들 하는데 가는데 내가 된 것이 되었다.   |
| 252053B | 050003828022     |                        | -                      | 10              | 6     | (1912년 - 1913년 전 1일 전 1일 전 1일  |
| 252053B | 050003828026     | 2                      |                        | 20              | 9     | FAILURE TO FOLLOW PROCEDURES RELATIVE TO THE INSTA<br>LLATION OF SAFETY-RELATED TUBING ASSMBLIES: CRITER<br>ION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACT |

FAILURE TO FOLLOW PROCEDURES RELATIVE TO THE INSTALLATION OF SAFETY-RELATED TUBING ASSMBLIES: CRITER ION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACT IVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY D OCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. THE MERCURY COMPANY PROCEDURES, OR DRAWINGS. THE MERCURY COMPANY PROCEDURE SP-656, "FABRICATION OF LOCAL INSTRUMENT PIPING AND TUBING ASSEMBLIES," REVISION 3, DATE D NOVEMBER 15, 1978, PARAGRAPH 6.3.7 STATES, "PLUGALL OPEN ENDED VALVES WITH PLASTIC CAPS OR EQUAL." CONTRARY TO THE ABOVE: ON OCTOBER 9, 1980, DURIN

| MODULE#  | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY | COMPLETE | STAFF | TEXT   |
|----------|------------------|------------------------|----------|----------|-------|--|
| 2520538  | 050003828026     | 2                      |          | 20       | 9     | G THE IE INSPECTOR'S TRACKING OF INSTRUMENT SENSOR TUBING RUNS, THE IE INSPECTOR OBSERVED SIX INSTAL LED 1/2 INCH NEEDLE VALVES THAT WERE OPEN AND UNPROTECTED. TWO OF THESE VALVES WERE IDENTIFIED AS SAFETY-RELATED VALVES (ITEM 3 ON MERCURY COMPANY DRAWING 151-T-014-C, REV. 0) AT THE 46 FOOT ELEVATION IN THE REACTOR CONTAINMENT BUILDING. |
| 252053B  | 050003828036     | -                      |          |          | 9     |  |
| 252053B  | 050003828105     |                        |          | 30       | 16    |  |
| 252053B  | 050003828120     |                        |          | 30       | 4     |  |
| 252053B  | 050003828309     |                        |          | 100      | 8     |  |
| 252054B  | 050003828120     |                        | and good | 10       | 2     |  |
| 252055B  | 050003828120     |                        |          | 10       | 3     | 생생이 보니 눈악이다. 내려가 되었다면 하는 화가를 하게 되었다면 했다.   |
| 252056B  | 050003828120     |                        |          | 10       | 5     |  |
| 252061B  | 050003827705     |                        |          | 10       | 20    |  |
| 252061B  | 050003827706     |                        |          | 60       | 10    |  |
| 252061B  | 050003828008     |                        |          | 70       | 2     |  |
| 25206 1B | 050003828027     |                        |          | 70       | 4     |  |
| 252061B  | 050003828028     |                        |          | 70       | 4     |  |
| 252061B  | 050003828114     |                        |          | 70       | 3     |  |
| 252061B  | 050003828126     |                        |          | 7        | 4     | [편대] ' 이 [ - 124 년 - 121 년 101 ] [ 124 년 125 ] [ 124 년 126 ] [ 124 년 126 ]   |
| 252061B  | 050003828127     |                        |          | 80       | 4     | 이렇게 되는 사이트 이렇게 하는 사람들이 되었다면 하는데 모든 것이다.  |
| 25206 1B | 050003828306     |                        |          | 100      | 7     | 어마셨다. 그 어젯밤에서 이름을 잃었다면 하시는데 하시다면 내려면   |
| 252063B  | 050003827712     |                        |          | 10       | 4     |  |
| 252063B  | 050003827714     | -                      |          | 10       | 4     | 나는 그 일이 되는 것이 되었다. 그 사람들은 사람들은 사람들이 되었다.   |
| 252063B  | 050003827881     | -                      |          | 10       | - 1   | 그 시간 그리 작가 마음 하네 하는데 이 그리고 있다면 하는데 하는데 하다.   |

| DULE#  | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF<br>HRS | TEXT |
|--------|------------------|------------------------|------------------------|-----------------|--------------|------|
| 2063B  | 050003828008     |                        | -                      | 20              | 2            |      |
| 2063B  | 050003828028     |                        |                        | 20              | 5            |      |
| 2063B  | 050003828111     | -                      |                        | 20              | 3            |      |
| 2063B  | 050003828112     | -                      |                        | 20              | 2            |      |
| 2063B  | 050003828114     | -                      |                        | 30              | 3            |      |
| 2063B  | 050003828126     | 12                     |                        | 30              | 2            |      |
| 2063B  | 050003828127     |                        |                        | 40              | 2            |      |
| 52063B | 050003828306     |                        |                        | 60              | 6            |      |
| 2063B  | 050003828325     |                        |                        | 90              | - 11         |      |
| 2064B  | 050003828008     |                        |                        | 10              | 2            |      |
| 2064B  | 050003828028     |                        |                        | 20              | 6            |      |
| 2064B  | 050003828112     |                        |                        | 20              | 2            |      |
| 52064B | 050003828114     |                        |                        | 30              | 3            |      |
| 52064B | 050003828126     |                        |                        | 30              | 3            |      |
| 52064B | 050003828127     | 700                    |                        | 40              | 3            |      |
| 2064B  | 050003828306     |                        |                        | 60              | 7            |      |
| 52064B | 050003828325     |                        |                        | 90              | 11           |      |
| 52065B | 050003827712     |                        |                        | 10              | 4            |      |
| 52065B | 050003827714     |                        |                        | 10              | 4            |      |
| 52065B | 050003827801     |                        |                        | 10              | 1            |      |
| 52065B | 050003828008     |                        |                        | 10              | 2            |      |
| 52065B | 050003828027     |                        |                        | 50              | 9            |      |
| 52065B | 050003828027     |                        |                        | 50              | 4            |      |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----|-------|---|
| 252065B | 050003828105     |                        | -                      | 50  | 9     |   |
| 252065B | 050003828112     | -                      |                        | 50  | 2     |   |
| 252065B | 050003828114     | -1                     |                        | 60  | 3     |   |
| 252065B | 050003828126     | 11.                    |                        | 60  | 3     |   |
| 252065B | 050003828127     | -11                    |                        | 70  | 3     |   |
| 252065B | 050003828229     |                        | 1                      | 80  | 8     |   |
| 252065B | 050003828325     | -//                    | strements              | 90  | 3     |   |
| 252066B | 050003828008     | -111                   | -                      | 10  | 2     | 기사 이 이 나는 아이는 아들은 이 보다 하고 수 있어야 했다면 하다 했다.  |
| 252066B | 050003828027     |                        |                        | 50  | 9     | 현실 등 사람들이 가는 가는 많은데 그 나를 바셨다는 다음을 했다.   |
| 252066B | 050003828028     | - A                    |                        | 50  | 5     |   |
| 252066B | 050003828229     | - /                    |                        | 80  | 8     | 그 그 그 집에 있는 사람들이 얼마를 하면 하다면 되었다.  |
| 252066B | 050003828325     | -                      |                        | 90  | 3     |   |
| 253051B | 050003827702     | -                      | -                      | 70  | 16    |   |
| 253051B | 050003828006     | - 4                    | I-ati                  | 100 | 4     |   |
| 253051B | 050003828129     | - 13                   | enetratin              | 100 | 4     | 11) : [ [ 라이 아프리아 프로그램 - [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [  |
| 253053B | 050003827805     | -                      |                        | 10  | 8     |   |
| 253053B | 050003827903     |                        |                        | 30  | 6     |   |
| 253053B | 050003828006     | 2                      |                        | 55  | 16    | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATED TO CARE AND MAINTENANCE OF CONTAINMENT PENETRATION ASSEMBLIES: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE |

FAILURE TO FOLLOW CONTRACT PROCEDURES RELATED TO CARE AND MAINTENANCE OF CONTAINMENT PENETRATION ASSEMBLIES: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALTY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES AND DRAWINGS. EBASCO PROCEDURE CMI #141, "CARE AND MAINTENANCE INSTRUCTIONS FOR THE CONTAINMENT PENETRATION ASSEMBLIES," PER PARAGRAPH D.2, REQUIRES THAT AFTER BEING MOVED TO IN-PLACE STORAGE, THE EQUIPMENT BE PROVIDED WITH ADEQUATE PROTECTION FROM DAMAGE AND DETERIORATION AS A RESULT OF CONDITIONS OR ACTIVITIES IN THE VICINITY.

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----|-------|---|
| 253053B | 050003828096     | 2                      |                        | 55  | 16    | IN ADDITION, TPB-46, REV A, "CARE AND MAINTENANCE. OF PERMANENT PLANT ITEMS," PER PARAGRAPH 6.3.1, IM PLEMENTS THE CMI PROCEDURE AND REQUIRES THAT SURVE ILLANCES OF THE INSTALLED EQUIPMENT BE PERFORMED ON A MONTHLY BASIS. CONTRARY TO THE ABOVE: ON MAR 2 O, 1980 THE IE INSPECTOR NOTED THE FOLLOWING CONDITIONS: 1. SCAFFOLDING FOR TRADES WORKING IN THE AREA OF THE INSTALLED PENETRATION ASSEMBLIES WAS IN SEVERAL PLACES, INSTALLED DIRECTLY AGAINST THE ASSEMBLIES. 2. PROTECTIVE COVERS FOR THE OPENINGS OF THE ASSEMBLIES WERE REMOVED AND/OR WERE NOT INSTALLED. FEB 18, 1980 SURVEILLANCE REPORT 730 AND SURVEILLANCE REPORT 731 INDICATED THAT THE OPENINGS OF THE COMPONENTS WERE COVERED. 3. PIPING AND PIPING SUBASSEMBLIES WERE STORED INSIDE SOME OF THE PENETRATIONS, AND INSOME CASES, WERE DIRECTLY SUPPORTED BY THE PENETRATION ASSEMBLY.  |
| 2530538 | 050003828129     | 5                      |                        | 60  | 18    | FAILURE TO FOLLOW PROCEDURES FOR THE PROTECTION OF ELECTRICAL PENETRATION ASSEMBLIES: CRITERION V OF APP B TO 10 CFR 50, REQUIRES THAT ACTIVITIES AFFE CTING QUALITY BE PRESCRIBED BY DOCUMENTED INSTRUCT IONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIAT E TO THE CIRCUMSTANCES, AND THAT THEY SHALL BE ACC OMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO CMI 28, REV 8, "CARE AND MAINTENANCE INSTRUCTIONS FOR ELECTRICAL PENETR ATION ASSEMBLIES" REQUIRES THAT, DURING IN-PLACE S TORAGE, PENETRATION ASSEMBLIES BE PROVIDED WITH AD EQUATE PROTECTION FROM DAMAGE AND DETERIORATION AS A RESULT OF CONDITIONS OR ACTIVITIES IN THE VICIN ITY. CONTRARY TO THE ABOVE, DURING A PLANT TOUR ON NOV 2, 1981, THE NRC INSPECTOR DISCOVERED PROTECT ECTIVE BARRIERS ABSENT FROM CLASS 1E ELECTRICAL PENETRATIONS 107SB AND 101SA. PENTRATIONS IN SUCH AN UNPROTECTED CONDITION ARE SUBJECT TO DAMAGE DUE TO ADJACENT CONSTRUCTION ACTIVITIES. |
| 253055B | 050003827805     |                        |                        | 10  | 18    |   |
| 253055B | 050003827903     |                        |                        | 40  | 12    | [[[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [   |
| 253055B | 050003827904     | -                      | - H                    | 50  | 8     | 하다. 그는 이번째 하는 이 사람이 없다는 이 맛이 나다   |
| 253055B | 050003828006     |                        |                        | 60  | 3     |   |

01/26/84

#### 766 DATA FOR WATERFORD-3 (05000382) 1974 TO PRESENT OUTPUT SORTED BY MODULE NUMBER/PHASE 2 ONLY

|   | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---|---------|------------------|------------------------|------------------------|-----|-------|---|
|   | 253055B | 050003828129     | -                      | -                      | 60  | 12    |   |
| 1 | 255051B | 050003827604     |                        | -                      | 10  | 7     |   |
|   | 255051B | 050003827606     |                        | 1 -                    | 100 | 14    |   |
|   | 255053B | 050003827602     |                        | 1/5                    | 10  | 6     |   |
|   | 255053B | 050003827604     | - W                    | eldin                  | 20  | 3     |   |
|   | 255053B | 050003827606     |                        | - 1                    | 30  | 8     |   |
|   | 255053B | 050003827607     |                        |                        | 50  | 4     |   |
|   | 255053B | 050003827705     |                        |                        | 80  | 15    |   |
|   | 255053B | 050003827706     |                        | 보고 백 개성                | 80  | 22    |   |
| 1 | 255053B | 050003827708     |                        |                        | 90  | 10    |   |
|   | 255053B | 050003827810     |                        |                        | 90  | 5     |   |
|   | 255053B | 050003828117     | 5                      |                        | 100 | 40    | FAILURE TO FOLLOW PROCEDURES CRITERION V OF APPEN |
|   |         |                  |                        |                        |     |       |   |

IX B TO 10 CFR PART 50 REQUIRES THAT ACTIVITIES AF FECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTAN CES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE PROCEDURES. THE FOLLOWING TWO EXAMPLES OF FA ILURE TO FOLLOW PROCEDURES WERE NOTED: 1. SECTION 8.0 TO DIVISION 4 OF THE CHICAGO BRIDGE AND IRON ( CB&I) NUCLEAR QUALITY ASSURANCE MANUAL FOR ASME SE CTION III PRODUCTS, ISSUE NO. 6 REQUIRES THAT ALL UNUSED WELDING ELECTRODES SHALL BE RETURNED TO THE STORAGE OVENS OR DISCARDED (DESTROYED) AT THE END OF EACH SHIFT. CONTRARY TO THE ABOVE: ON JULY 6, 1981, THE NRC INSPECTORS OBSERVED SEVERAL UNUSED W ELDING ELECTRODES IN A BUCKET AND ON THE FLOOR IN THE CB&I WORK AREA THAT HAD NOT BEEN RETURNED TO T HE STORAGE OVENS, DESTROYED, OR REMOVED FROM THE W ORK AREA AND DISCARDED AFTER THE END OF THE WORK S HIFT. 2. SECTION 14.0 TO DIVISION 4 OF THE CHICAGO BRIDGE AND IRON NUCLEAR QUALITY ASSURANCE MANUAL. ISSUE NO. 6 REQUIRES THAT ALL NONCONFORMITIES AWA ITING RESOLUTION SHALL BE ENTERED ON THE NONCONFOR MANCE CONTROL LIST AND REPAIRS SHALL BE CONTROLLED AND DOCUMENTED ON A REPAIR CHECK LIST. CONTRARY T

| 10DULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|----------|-------|---|
| 255053B | 050003828117     | 5                      |                        | 100      | 40    | O THE ABOVE: ON JULY 7, 1981, THE NRC INSPECTORS DETERMINED THAT REINSTALLATION OF THE CONTAINMENT EQUIPMENT HATCH COVER WAS CLASSIFIED BY CHICAGO BRIDGE AND IRON AS A HONCONFORMANCE/REPAIR WHICH WAS NOT ENTERED ON THE HONCONFORMANCE CONTROL LIST NOR CONTROLLED AND DOCUMENTED ON A REPAIR CHECK LIST.  |
| 255053B | 050003828122     | -                      |                        | 90       | 9     |   |
| 255053B | 050003828124     |                        | 19 원 공사 : 4            | 100      | 3     |   |
| 255055B | 050003827602     | -                      |                        | 10       | 6     |   |
| 255055B | 050003827604     | -                      |                        | 20       | 3     |   |
| 255055B | 050003827607     |                        | 100                    | 30       | 4     |   |
| 255055B | 050003827810     |                        |                        | 50       | 3     | 하는 이 사람들이 모든 그리고 하는 사람이 하나를 하는데 했다.   |
| 255055B | 050003828015     |                        |                        | 90       | 8     | 1. 그는 마음시간 발로 발생하는 것으랑하다. 다른 11km ja  |
| 255055B | 050003828122     | -                      |                        | 90       | 9     |   |
| 255055B | 050003828124     | -                      |                        | 90       | 3     | 그리 얼마 하는 이들은 얼룩해져왔다. 그는 그렇지도 말하게 됐다.  |
| 255061B | 050003827705     | -                      |                        | 10       | 19    | 나는 그 아이 아니는 이 마래하네요 하나 이 없는 모든 이름이  |
| 255061B | 050003827708     | - 1                    |                        | 20       | 8     | 물이 맛이네. 본 동사회 조기로 남아왔다면 이 이 이름을 입니었다.   |
| 255061B | 050003827710     |                        |                        | 100      | 2     | 어린 사람이 있다면 하는데 보고 있다면 하는데   |
| 255061B | 050003828122     |                        |                        |          | 3     |   |
| 255063B | 050003827805     | 2                      |                        | 20       | 8     | FAILURE TO FULLY INSPECT STRUCTURAL WELD: 10 CFR 50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRA M FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY B E EXECUTED TO VERIFY CONFORMANCE WITH PROCEDURES. EBASCO SPECIFICATION LOU 1564.723, ADDENDUM 500-70, PARAGRAPHS 4.3 AND 5 REQUIRE THAT ALL WELDS BE VISUALLY INSPECTED IN ACCORDANCE WITH SECTION 6 OF AWS D1.1-1972. CONTRARY TO THE ABOVE: THE COMPLETED FIELD WELD OF THE WALL BRACKET AT ELEVATION LETED FIELD WELD OF THE WALL BRACKET AT ELEVATION LETED FOR SEISMIC SUPPORT 4984 FOR THE NORTHWEST HOLD UP TANK WAS OBSERVED BY THE INSPECTOR ON APRIL 4, 1978, TO HAVE WELD SLAG ON A 14 INCH SECTION OF WELD, PREVENTING VISUAL INSPECTION OF THAT PORTION O |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|----------|-------|---|
| 255063B | 050003827805     | 2                      |                        | 29       | 8     | F THE WELD. THIS WELD HAD BEEN VISUALLY INSPECTED AND ACCEPTED AS DOCUMENTED ON FORM FQAP 6-9 DATED NOVEMBER 11, 1977.  |
| 255063B | 050003827807     |                        |                        | 30       | 12    |   |
| 55065B  | 050003827805     |                        |                        | 10       | 4     |   |
| 55065B  | 050003827807     |                        |                        | 20       | 6     |   |
| 55065B  | 050003828201     |                        | *                      | 100      | 16    |   |
| 255066B | 050003828305     |                        | 14.                    | 10       | 52    |   |
| 255071B | 050003828131     |                        |                        | 90       | 2     | [18] [18] [18] [18] [18] [18] [18] [18]   |
| 255071B | 050003828221     |                        |                        | 100      | 1     | 트리크이 기계되는 그무를 모으는 내용이로 어떻게  |
| 255073B | 050003828131     |                        |                        | 100      |       | 그 그렇게 보면 하다 하는 집 사람이 되었다. 그렇게 모든 맛이다.   |
| 255074B | 050003828221     |                        | (1) -1                 | 100      | 1     | [B  |
| 255075B | 050003828131     |                        |                        | 100      | 16    |   |
| 255076B | 050003828221     |                        |                        | 100      | 12    | 그는 이 나는 그 이 그 생각을 하는 것 같은 것이 되었다.   |
| 255076B | 050003828305     | -                      |                        | 100      | 54    | 는 그는 학교 등록 이 생활이 하셔까 나무를 보았다면서?   |
| 255081B | 050003827710     | -                      |                        | 80       | 17    | 교육의 이번 가는 이번 이렇게 되는 것이 되었다.   |
| 255081B | 050003828221     |                        |                        | 100      | 1     | 하기 있다. 바이지 사용하다 그는 그리네요 하다  |
| 255083B | 050003827801     |                        |                        | 10       | 4     | 골드레이 - (2011년 12일 12일 : 12일   |
| 255083B | 050003827802     | 2                      |                        | 10       | 8     | FAILURE TO FOLLOW PROCEDURES FOR THE CONTROL OF SPECIAL PROCESSES: 10 CFR 50, APPENDIX B, CRITERION IX REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO ASSURE THAT SPECIAL PROCESSES INCLUDING WELDING A RE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE CRITERIA. TOMPKINS-BECKWITH PROCEDURE TBP-26, REVISION B, PARAGRAPH 6.1.1.E REQUIRES THAT COMPLETED WELDS TO BE FREE OF COARSE RIPPLES, IRREGULAR SURFACE S AND DEEP RIDGES OR VALLEYS BETWEEN BEADS. COMPLETED FIELD WELD 4, Q-2SI-IC-71-F/E, ASSOCIATED WITH 24" SAFETY INJECTION LINE, WAS OBSERVED BY THE INSPECTOR ON FEBRUARY 23, 1978, TO CONTAIN COARSE R |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----|-------|---|
| 255083B | 050003827802     | 2                      |                        | 10  | 8     | IPPLES, IRREGULAR SURFACES. AND DEEP RIDGES OR VAL<br>LEYS BETWEEN BEADS. THE WELDS DISCUSSED HAD BEEN<br>ACCEPTED ON THE "CONTROLLED WELD JOINT RECORD."   |
| 255083B | 050003827805     | 2                      |                        | 10  | 4     | FAILURE TO PROVIDE ADEQUATE PROCEDURES: 10 CFR 50 , APPENDIX B, CRITERION V STATES IN PART, "ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUM ENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRC UMSTANCES." THE GENERAL WELDING REQUIREMENTS OF S ECTION I, PARAGRAPH 2.06 OF EBASCO SPECIFICATION 8 84-75 STATES IN PART, "LOW HYDROGEN ELECTRODE SHAL L BE PLACED IN HOLDING OVENS AT A TEMPERATURE OF 2 00 DEGREES F, SHALL HAVE A MAXIMUM EXPOSURE LIMIT OF FOUR HOURS AND SHALL BE REBAKED PRIOR TO REISSU E." CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH PRO CEDURE TBP-3, REV. 3 FOR WELD MATERIAL CONTROL DOE S NOT PRESCRIBE THE HOLDING OVEN MINIMUM TEMPERATU RE, THE ELECTRODE EXPOSURE LIMITS, NOR THE DISPOSI  |
| 255083B | 050003827810     |                        |                        | 20  | 13    |   |
| 255083B | 050003827814     | 2                      |                        | 50  | 18    | FAILURE TO ESTABLISH SURVEILLANCE INSPECTION PROGRAM: 10 CFR PART 50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED TO VERIFY CONFORMANCE WITH DOCUMENTED PROCEDURES FOR ACCOMPLISHING SAFETY RELATED ACTIVITIES. TOMPKINS-BECKWITH QUALITY ASSURANCE MANUAL, PARAGRAPHS 11.4.1.1 AND 11.4.7.1 SPECIFY THAT A QUALITY CONTROL PROGRAM WILL BE PERFORMED WHICH WILL INCLUDE RECORDING OF THE QC SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS INCLUDING GAS FLOW, VOLTS, AMPS, ETC. CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH (T-B), WHO ARE INVOLVED IN THE WELDING OF SAFETY RELATED PIPING, HAVE NOT ESTABLISHED A DOCUMENTED PROGRAM FOR PERFORMING SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS. THIS FINDING WAS CONFIRMED DURING DISCUSSION WITH T-B QA PERSON NEL. |
| 255083B | 050003828003     | 2                      |                        | 70  | 19    | FAILURE TO FOLLOW INSPECTION PROCEDURES: 10 CFR 5 0, APPENDIX B, CRITERION V PEQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUM   |

| - | MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---|---------|------------------|------------------------|------------------------|-----|-------|---|
|   | 255083B | 050003827802     | 2                      |                        | 10  | 8     | IPPLES, IRREGULAR SURFACES, AND DEEP RIDGES OR VAL<br>LEYS BETWEEN BEADS. THE WELDS DISCUSSED HAD BEEN<br>ACCEPTED ON THE "CONTROLLED WELD JOINT RECORD."   |
|   | 255083B | 050003827805     | 2                      |                        | 10  | 4     | FAILURE TO PROVIDE ADEQUATE PROCEDURES: 10 CFR 50, APPENDIX B, CRITERION V STATES IN PART, "ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES." THE GENERAL WELDING REQUIREMENTS OF SECTION I, PARAGRAPH 2.06 OF EBASCO SPECIFICATION 8 84-75 STATES IN PART, "LOW HYDROGEN ELECTRODE SHALL BE PLACED IN HOLDING OVENS AT A TEMPERATURE OF 2 OO DEGREES F, SHALL HAVE A MAXIMUM EXPOSURE LIMIT OF FOUR HOURS AND SHALL BE REBAKED PRIOR TO REISSUE." CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH PROCEDURE TBP-3, REV. 3 FOR WELD MATERIAL CONTRGL DOES NOT PRESCRIBE THE HOLDING OVEN MINIMUM TEMPERATURE, THE ELECTRODE EXPOSURE LIMITS, NOR THE DISPOSITION OF RETURNED ELECTRODE.  |
|   | 255083B | 050003827810     |                        |                        | 20  | 13    |   |
|   | 2550838 | 050003827814     | 2                      |                        | 50  | 18    | FAILURE TO ESTABLISH SURVEILLANCE INSPECTION PROGRAM: 10 CFR PART 50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED TO VERIFY CONFORMANCE WITH DOCUMENTED PROCEDURES FOR ACCOMPLISHING SAFETY RELATED ACTIVITIES. TOMPKINS-BECKWITH QUALITY ASSURANCE MANUAL, PARAGRAPHS 11.4.1.1 AND 11.4.7.1 SPECIFY THAT A QUALITY CONTROL PROGRAM WILL BE PERFORMED WHICH WILL INCLUDE RECORDING OF THE QC SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS INCLUDING GAS FLOW, VOLTS, AMPS, ETC. CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH (T-B), WHO ARE INVOLVED IN THE WELDING OF SAFETY RELATED PIPING, HAVE NOT ESTABLISHED A DOCUMENTED PROGRAM FOR PERFORMING SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS. THIS FINDING WAS CONFIRMED DURING DISCUSSION WITH T-B QA PERSON NEL. |
|   | 255083B | 050003828003     | 2                      |                        | 70  | 19    | FAILURE TO FOLLOW INSPECTION PROCEDURES: 10 CFR 5 0, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUM   |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----|-------|---|
| 2550838 | 050003828003     | 2                      |                        | 70  | 19    | STANCES. PROCEDURE TBP-26, REVISION H, "VISUAL IN SPECTION PROCEDURE" PARAGRAPH 6.1.5 REQUIRES THAT FINAL WELDS THAT JOIN PIPING SUBASSEMBLIES OR COMPONENTS OF EQUAL OUTSIDE DIAMETERS SHALL BE CROWNED AT THE CENTER AND SMOOTHLY TAPERED ON EACH SIDE OF THE SURFACE BEING WELDED. CONTRARY TO THE ABOVE: ON FEBRUARY 27, 1980, COMPONENT COOLING SYSTEM PIPE WELD NO. FW-2, AS SHOWN ON ISOMETRIC \$5 OF DR AWING 8469-2516-R, WAS FOUND TO HAVE BEEN REWORKED AFTER FINAL INSPECTION SUCH THAT A POTENTIAL STRE SS RISER REMAINED. A REVIEW OF INSTALLATION RECORDS REVEALED THAT BOTH VISUAL AND LIQUID PENETRANT INSPECTION HAD BEEN PERFORMED AND THAT THE WELD HAD BEEN ACCEPTED. SURFACE CONDITION OF THE WELD WAS UNACCEPTABLE AS DEFINED BY PROCEDURE TBP-26.   |
| 255083B | 050003828006     |                        | -                      | 100 | 6     |   |
| 255085B | 050003827801     |                        |                        | 10  | 4     |   |
| 255085B | 050003827802     | voldi.                 | 1                      | 10  | 6     | FAILURE TO PROVIDE PROPERLY QUALIFIED PROCEDURES FOR THE CONTROL OF SPECIAL PROCESSES: 10 CFR 50, A PPENDIX B, CRITERION IX REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO ASSURE THAT SPECIAL PROCESSES INCLUDING WELDING ARE CONTROLLED AND ACCOMPLISHED USING QUALIFIED PROCEDURES IN ACCORDANCE WITH APPLICABLE CODES. THE LP&L MANUAL, REQUIREMENT NO. 9, PARAGRAPHS 9.1 AND 9.2 REQUIRES THAT SUPPLIERS PERFORM SPECIAL PROCESSES USING PROCEDURES QUALIFIED IN ACCORDANCE WITH SPECIFIED CODES, INCLUDING AS ME B&PV CODE, SECTION III. CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH WELDING PROCEDURE SPECIFICATION WP 1.6, FOR USE IN CONTROLLING WELDING CONDITIONS FOR CONTAINMENT PENETRATION ASSEMBLIES, WAS NOT QUALIFIED IN ACCORDANCE WITH THE ASME B&PV CODE, SECTION III, PART NE, 1971 EDITION, INCLUDING WINTER 1973 ADDENDA, IN THAT THE CHARPY IMPACT TESTING PERFORMED FOR PROCEDURE QUALIFICATION RECORD WP 1 |
|         |                  |                        |                        |     |       | .6C WAS AT A TEMPERATURE OF 50 DEGREES F RATHER T HAN 20 DEGREES F AS SPECIFIED BY THE CODE.  |
| 255085B | 050003827810     |                        | 7                      | 30  | 8     | 그 이번 이번 이번 점점 이렇지다는 사람이 이 나를 보고 있다.   |
| 255085B | 050003828006     |                        | 35. 35. 37             | 60  | 14    |   |
| 255085B | 050003828015     |                        |                        | 100 | 7     | 그 보고 있는 이 그리고 하면 없는 이 이번 없다고 있는 것이 되는 것 같아.   |

| ODULE#  | DOCKET       | DEVIATION/ | SEVERITY     | PCT      | STAFF | TPUT   |
|---------|--------------|------------|--------------|----------|-------|--|
|         | REPORT       | SEVERITY   | SUPPLEMENT   | COMPLETE | HRS   | TEXT   |
| 55085B  | 050003828305 |            | - ,          | 100      | 38    |  |
|         | 050003828015 | - weld me  | ct. Control. | 100      | 5     |  |
|         | 050003827916 | -          |              | 50       | 10    |  |
|         | 050003828015 | -          |              | 100      | 6     |  |
| 55155B  | 050003828305 |            | Λ -          | 10       | 40    |  |
|         | 050003827903 |            | (1/1)        | 30       | 18    |  |
| 55171B  | 050003828005 | - W        | 100          | 80       | 2     |  |
| 55171B  | 050003828221 | - 1        |              | 100      | 1     |  |
|         | 050003827916 | - >        |              | 80       | 4     |  |
| 55172B  | 050003827917 |            | , -          | 100      | 8     |  |
| 55173B  | 050003827907 | 4.         | aterial      | 10       | 8     | : 이 ultra : Bulker : 1915년 1일 : 1916년 1일 : 1 |
| 55173B  | 050003827908 | - NU       | 1-1          | 20       | 12    | 이 이 그는 이번 하는 이 전쟁에게 된 사람들은 이번째 하였다.  |
|         | 050003827916 | - /        | em trol      | 30       | 8     |  |
|         | 050003828002 | - "        |              | 100      | 8     | 나는 그는 사람이 있는 이렇게 있다는 내일이 뭐 먹어가는 이렇게  |
|         | 050003828005 |            |              | 40       | 1     | 경기 가는 아이트 중에 가면 생각이 그 바다가 되었다. 그 아이는 글   |
|         | 050003828221 |            |              | 80       | 1     | 뭐 하나는 아이에 가락하면 하는 말이 들어지면 내다니다.  |
| 2551758 | 050003827907 |            |              | 10       | 6     | 어린 그래, 그리셔 가게 가게 되었다.  |
| 255175B | 050003827916 |            |              | 40       | 2     |  |
| 255175B | 050003828018 | -          |              | 70       | 9     | 수가 많아보다가 생각하게 하는 것이 많아 있는 그리다는 것은  |
| 255175B | 050003828112 |            |              | 100      | 14    | 는 이 마이얼에 있는 아이들이 다른 바라를 어떻게 되었다.   |
| 2551758 | 050003828305 |            |              | 100      | 40    |  |
| 255176B | 050003827916 | -          |              | 50       | 2     | 등 이 경기를 하고 있다면 하는 사람들이 되었다면 하는 것이 없는 것이 없다면 하는데 없다면 없다면 없다면 없다면 하는데 없다면    |
| 255176B | 050003828002 |            | T. E.        | 100      | 8     |  |

| MODULE    | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT   |
|-----------|------------------|------------------------|------------------------|-----|-------|--|
| 255176B   | 050003828005     | -                      |                        | 50  | 1     |  |
| 255176B   | 050003828117     | -11                    |                        | 90  | 12    |  |
| 255176B   | 050003828206     | Leat                   | treat.                 | tu  |       | PARA 5.2.3 OF THE FSAR SPECIFIES THAT THE MATERIA L SPECS FOR THE 42-INCH DIAMETER REACTOR COOLANT PIPING IS SA-516, GRADE 70, AND THE WELD METAL IS SFA 5.1, E7018. IN DEVIATION FROM THE ABOVE, THE WELD METAL IN THE 42-INCH DIAMETER REACTOR COOLA NT PIPING, WELDS P10W1 AND P10W2, DOES NOT MEET S PEC REQUIREMENTS OF SFA 5.1, E7018, AND COMBUSTIO N ENGINEERING IN ANALYTICAL EVALUATION REPT CENC-1460 DERATED THE PIPING MATERIAL TO BE EQUIVALENT TO SPEC SA-516, GRADE 65. LOUISIANA POWER AND LIGHT COMPANY IS HEREBY REQUESTED TO SUBMIT TO THIS OFFICE, WITHIN 30 DAYS OF THE DATE OF THIS NOTICE OF DEVIATION, A WRITTEN STATEMENT OR EXPLANATION IN REPLY, INCLUDING: (1) THE CORRECTIVE STEPS WHICH HAVE BEEN TAKEN AND THE RESULTS ACHIEVED: (2) CORRECTIVE STEPS WHICH WILL BE TAKEN TO AVOID FURTHER DEVIATION FROM COMMITMENTS MADE TO THE COMMISSION, AND (3) THE DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED. CONSIDERATION MAY BE GIVEN TO EXTENDING YOUR RESPONSE TIME FOR GOOD CAUSE SHOWN. |
| 255176B   | 050003828221     |                        |                        | 90  |       |  |
| 255177B   | 050003827908     |                        |                        | 30  | 7     | 열차는 이 경기 전에 있는데 하다 보고 있다면 하나 되는데 없다.   |
| 255 177B  | 050003827916     |                        |                        | 50  | 1     | 그렇다 하시 경기 가입하였다는 그 등록 없으면 있다고 하지만  |
| 255 177B  | 050003828002     |                        |                        | 90  | 2     | 승규가의 그리고 있다면서 그는 그렇지만 그렇게 되었다.   |
| 255 177B  | 050003828005     |                        |                        | 60  | , ,   | '() 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15  |
| 255177B   | 050003828221     |                        |                        | 80  | 1     | 하다. 스마 하스 그들이 많아 보다 그리고 나는 모든 말했다고 되다  |
| 255 178B  | 050003828221     |                        |                        | 80  |       | 못 됐다. 이 집 맛이 없었습니다. 그 하나 이 하나 이 아이들이 어린  |
| - 255181B | 050003828005     | 125                    |                        | 90  | 2     |  |
| 2551818   |                  |                        |                        | 100 | 1     | 그 경기 마시 그리고 있었습니다. 그렇다는 것이다. 그래  |
| 255 1828  | 050003827917     |                        |                        | 90  | 20    | 그는 사람들이 되었다. 이 사람은 이번 경우 시작되다 나타다  |

| 050003828221 - 100 1 050003828005 - 70 7 050003828005 - 100 4 05000382821 - 100 4 050003828005 - 40 1 050003828005 - 40 1 050003828005 - 100 40 050003828005 - 100 40 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 80 1 050003828306 - 100 8 050003828221 - 90 1 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55                                | 100828221 - 100 1 100828221 - 100 1 100828221 - 100 4 100828221 - 100 4 100828205 - 40 1 100828205 - 40 1 100828305 - 100 40 100828305 - 100 8 100828305 - 80 1 100828305 - 100 8 100828305 - 10 40 100828305 - 10 40 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 55 100828305 - 10 50  | •    | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF<br>HRS | TEXT |  |
|--|--|------|------------------|------------------------|------------------------|-----|--------------|------|--|
| 0500038287911 - Weld - 60 10 050003828005 - 70 7 050003828221 - 100 4 0500038287911 - 50 12 050003828005 - 40 1 050003828018 - 70 9 050003828005 - 100 40 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 100 8 050003828005 - 100 8 050003828005 - 10 40 050003828005 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 | 103827911 - Well - 60 10 103828005 - 70 7 103828221 - 100 4 10382821 - 50 12 103828005 - 40 1 103828005 - 40 1 103828005 - 100 40 103828305 - 100 8 103828306 - 100 8 103828306 - 100 8 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 10382830 | B 05 | 0003828005       |                        |                        | 80  | 1            |      |  |
| 050003828005   | 103828305 - 100 4 103828305 - 40 1 103828305 - 40 1 103828305 - 100 40 103828305 - 100 8 103828305 - 100 8 103828305 - 10 40 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 103828305 - 1 | B 05 | 50003828221      | -                      | 1:                     | 100 | 1            |      |  |
| 050003828005   | 103828305 - 100 4 103828305 - 40 1 103828305 - 40 1 103828305 - 100 40 103828305 - 100 8 103828305 - 100 8 103828305 - 10 40 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 103828305 - 1 | B 05 | 50003827911      | - 11/0                 | de                     | 60  | 10           |      |  |
| 050003827911 - 50 12 050003828005 - 40 1 050003828018 - 70 9 050003828305 - 100 40 050003828306 - 80 1 050003828306 - 100 8 050003828305 - 100 40 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55   | 103828005 - 40 1 103828005 - 40 1 103828305 - 100 40 103828305 - 80 1 103828306 - 80 1 103828305 - 80 1 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 103828305 - 10 5 | B 05 | 50003828005      | - 00                   |                        | 70  | 7            |      |  |
| 050003828005 40 1 050003828018 70 9 050003828305 100 40 050003828306 80 1 050003828306 100 8 050003828305 100 8 050003828305 10 40 050003828305 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55   | 103828005 40 1 103828018 70 9 103828305 100 40 103828306 80 1 103828005 - 80 1 103828221 - 90 1 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 103828                   | B 05 | 50003828221      | -                      |                        | 100 | 4            |      |  |
| 050003828018 - 70 9 050003828005 - 100 40 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 80 1 050003828005 - 80 1 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 50 050003828305 - 10 50 050003828305 - 10 50 050003828305 - 10 50  | 103828305 - 100 40 103828305 - 80 1 103828306 - 80 1 103828305 - 80 1 103828305 - 80 1 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10 50 100828305 - 10  | B 05 | 50003827911      | -                      |                        | 50  | 12           |      |  |
| 050003828305 100 40 050003828306 80 1 050003828005 - 100 8 050003828005 - 100 80 050003828221 - 90 1 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 50 050003828305 - 10 50 050003828305 - 10 50   | 100 40 1003828305 - 100 8 1003828306 - 100 8 1003828305 - 10 40 1003828305 - 10 40 1003828305 - 10 55 1003828305 - 10 55 1003828305 - 10 55 1003828305 - 10 55 1003828305 - 10 50 1003828505 - 10 50 1003828505 - 10 50 1003828505 - 10 50 1003828505 - 10 50 1003828505 - 10 50 1003828505 - 10 50 100382 | B 05 | 50003828005      | -                      |                        | 40  |              |      |  |
| 050003828005 80 1 050003828306 - 160 8 050003828005 welder qual - 80 1 050003828221 - 90 1 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 50 050003828305 - 10 50 050003828305 - 10 50   | 103828306 - 100 8 103828306 - 100 8 103828305 - 80 1 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 1008828305 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50 1008828505 - 10 50  | B 05 | 50003828018      | -                      |                        | 70  | 9            |      |  |
| 050003828306 - 100 8 050003828205 wetch qual - 80 1 050003828221 - 90 1 050003828305 - 10 40 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 55 050003828305 - 10 50 050003828305 - 10 50 050003828305 - 10 50   | 103828306 - 100 8 103828305 - 90 1 103828305 - 10 40 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 55 103828305 - 10 50 103828305 - 10 50 103828217 - 100 8 103828217 - 100 8   | B 05 | 50003828305      | - 1                    |                        | 100 | 40           |      |  |
| 050003828005   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   | B 05 | 50003828005      | -                      |                        | 80  | 1            |      |  |
| 050003828305 - 10 40 050003828305  | 10 40 103828305  | B 05 | 50003828306      | -                      | 1 -                    | 100 | 8            |      |  |
| 050003828305 - 10 40 050003828305  | 10 40 103828305  | B 05 | 50003828005      | teles 90               | ul-                    | 80  | 1            |      |  |
| 050003828305   | 10 55 103828305  | B 05 | 50003828221      |                        | -                      | 90  | 1            |      |  |
| 050003828305 - 10 55<br>050003828305 - 10 50<br>050003828217 - 100 10<br>050003828217 - 100 8  | 003828305 - 10 55<br>003828305 - 10 50<br>003828217 - 100 10<br>003828217 - 100 8<br>003828217 - 100 20<br>003828217 - 100 8   | B 05 | 50003828305      | 9 9                    | -                      | 10  | 40           |      |  |
| 050003828305 - 10 55<br>050003828305 - 10 50<br>050003828217 - 100 10<br>050003828217 - 100 8  | 003828305 - 10 55<br>003828305 - 10 50<br>003828217 - 100 10<br>003828217 - 100 8<br>003828217 - 100 20<br>003828217 - 100 8   | B 05 | 50003828305      | well                   | 1 -                    | 10  | 55           |      |  |
| 050003828305 - 10 55<br>050003828305 - 10 50<br>050003828217 - 100 10<br>050003828217 - 100 8  | 003828305 - 10 55<br>003828305 - 10 50<br>003828217 - 100 10<br>003828217 - 100 8<br>003828217 - 100 20<br>003828217 - 100 8   | B 05 | 50003828305      | 111                    | TE-                    | 10  | 55           |      |  |
| 050003828305 - 10 55<br>050003828305 - 10 50<br>050003828217 - 100 10<br>050003828217 - 100 8  | 003828305 - 10 55<br>003828305 - 10 50<br>003828217 - 100 10<br>003828217 - 100 8<br>003828217 - 100 20<br>003828217 - 100 8   | B 05 | 50003828305      | - VI                   | )' -                   | 10  | 55           |      |  |
| 050003828217 - 100 10<br>050003828217 - 100 8  | - 100 10<br>003828217 - 100 8<br>003828217 - 100 20  | B 05 | 50003828305      | -                      |                        | 10  | 55           |      |  |
| 050003828217 - 100 8   | 003828217 - 100 8<br>003828217 - 100 20  | B 05 | 50003828305      | -                      | -                      | 10  | 50           |      |  |
| 030030E0E17  | 003828217 - 100 20   | B 05 | 50003828217      | -                      | -                      | 100 | 10           |      |  |
| 050003828217 100 20  | 0.03828217 - 100 8   | B 05 | 50003828217      | - "                    | - 1                    | 100 | 8            |      |  |
| (1) Third Till (1) In this case of the   | 100 8  | B 05 | 50003828217      |                        | -1                     | 100 | 20           |      |  |
| 050003828217 100 8   | 105cx1460  | B 05 | 50003828217      | - 1                    | -                      | 100 | 8            |      |  |

| MODULE# | DOCKET<br>REPURT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF<br>HRS | TEXT |  |
|---------|------------------|------------------------|------------------------|-----|--------------|------|--|
| 280220B | 050003827603     |                        |                        | 100 | 9            |      |  |
| 280220B | 050003827701     | - E1                   | )                      | 100 | 6            |      |  |
| 2802208 | 050003827804     | -                      |                        | 100 | 18           |      |  |
| 280220B | 050003827912     |                        | -                      | 100 | 46           |      |  |
| 292700B | 050003827708     |                        | 1-                     |     | 22           |      |  |
| 292700B | 050003827709     | - 5v                   | rent?                  |     | 17           |      |  |
| 292700B | 050003827711     |                        | 4 -                    |     | 4            |      |  |
| 292700B | 050003827713     | - 1                    |                        |     | 12           |      |  |
| 292700B | 050003827802     | - Fo                   | Howe VS                |     | 18           |      |  |
| 292700B | 050003828129     |                        | 900                    |     | 14           |      |  |
| 292701B | 050003827601     |                        |                        |     | 4            |      |  |
| 2927018 | 050003827604     |                        | 1 -                    |     | 9            |      |  |
| 292701B |                  | 1 4 3 3                | -                      |     | 12           |      |  |
| 292701B | 050003827605     |                        | 11 -                   |     | 4            |      |  |
| 2927018 |                  |                        | <i>U</i> -             |     | 2            |      |  |
| 2727010 |                  |                        |                        |     |              |      |  |
| 292701B | 050003827607     |                        |                        |     | 1            |      |  |
| 292701B | 050003827608     |                        |                        |     | 1            |      |  |
| 2927018 | 050003827609     |                        |                        |     | 1            |      |  |
| 292701B | 050003827611     |                        |                        |     | 7            |      |  |
| 292701B | 050003827702     |                        |                        |     | 6            |      |  |
| 292701B | 050003827706     |                        |                        |     | 2            |      |  |
| 292701B | 050003827707     |                        |                        |     | 3            |      |  |
| 292701B | 050003827708     | -                      |                        |     | 4            |      |  |

| MODULE#  | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF<br>HRS | TEXT           |   |
|----------|------------------|------------------------|------------------------|-----|--------------|----------------|---|
| 292701B  | 050003827709     | -                      |                        |     | 1            |                |   |
| 292701B  | 050003827710     |                        |                        |     | 2            |                |   |
| 292701B  | 050003827711     | -                      |                        |     | 3            |                |   |
| 2927018  | 050003827713     | -                      |                        |     | 11           |                |   |
| 292701B  | 050003827714     |                        |                        |     | 4            |                |   |
| 292701B  | 050003827861     |                        |                        |     | 4            |                |   |
| 292701B  | 050003827802     |                        |                        |     | 16           |                |   |
| 292701B  | 050003827806     |                        |                        |     | 6            |                |   |
| 2927,01B | 050003827810     | - 4                    |                        |     | 10           |                |   |
| 292701B  |                  |                        |                        |     | 5            |                |   |
| 292701B  |                  | -                      |                        |     | 2            | 그림이 내용됐다면서 나다. |   |
| 2927018  |                  |                        |                        |     | 20           |                |   |
| 2927018  |                  | -                      |                        |     | 9            |                |   |
| 292701B  |                  |                        |                        |     | 2            |                |   |
| 292701B  |                  |                        |                        |     | 12           |                |   |
| 2927018  |                  |                        |                        |     | 4            |                |   |
| 292701B  |                  |                        |                        |     | 14           |                |   |
| 292701B  |                  |                        |                        |     | 4            |                |   |
| 292701B  |                  |                        |                        |     | 13           |                |   |
| 292701B  |                  |                        |                        |     | 4            |                |   |
| 292701B  |                  |                        |                        |     | 20           |                |   |
| 292701B  |                  |                        |                        |     | 16           |                | *************************************** |
| 292701B  |                  |                        |                        |     | 5            |                |   |
| 2727010  |                  |                        |                        |     |              |                |   |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |  |
|---------|------------------|------------------------|------------------------|-----------------|-------|---|--|
|         |                  |                        |                        |                 | 14    |   |  |
| 292701B | 050003828112     |                        |                        |                 | 2     |   |  |
| 292701B | 050003828114     | -                      |                        |                 |       |   |  |
| 292701B | 050003828124     |                        |                        |                 | 32    | [] [] [ [ 김사고 김 왕이 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [  |  |
| 292701B | 050003828131     |                        |                        |                 |       |   |  |
| 292701B | 050003828205     | -                      |                        |                 | 2     |   |  |
| 292701B | 050003828206     | 1                      |                        |                 | 20    |   |  |
|         | 050003828208     | -                      |                        |                 | 4     |   |  |
|         |                  | _                      |                        |                 | 1     |   |  |
|         |                  |                        |                        |                 | 1     |   |  |
|         | 050003828221     |                        |                        |                 |       | [18] : [18] : [18] : [18] [18] : [18 |  |
| 292701B | 050003828306     |                        |                        |                 | 10.86 | 마이지 그 내용에 대해 그는 얼마를 가 먹었다.  |  |
| 292701B | 050003828306     |                        |                        |                 | 2     | 그는 맛이 되어 있다면 하게 되는 것이 하고 없었다면 하다.   |  |
|         | 050003828309     | 5                      | 2                      |                 |       | FAILURE TO MAINTAIN DOCUMENTATION FOR INSTALLATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT: CRITER ION XVII OF 10CFR50, APP B, REQUIRES THAT SUFFICI ENT RECORDS BE MAINTAINED TO FURNISH EVIDENCE OF ACTIVITIES AND SHALL BE IDENTIFIABLE AND RETRIEVA BLE. A. CONTRARY TO THE ABOVE, EBASCO SEMICES, I NC., COULD NOT PRODUCE THE INSPECTION RECORDS FOR THE INSTALLATION OF THE MOTOR FOR CONTROL ROOM SUPPLY FAN 3BSB. THIS SAFETY-RELATED MOTOR WAS PROPERLY INSTALLED AND INSPECTION RECORDS FOR FAN 3BSB AND ASSOCIATED AIR HANDLING AH-12 WERE INADEQUATE. B. CONTRARY TO THE ABOVE, FISCHBACH & MOORE COULD NOT PRODUCE THE INSPECTION REPORTS FOR THE MOUNTING OF DIESEL GENERATOR CONTROL AND RELAY PANDUNTING OF DIESEL GENERATOR CONTROL AND RELAY PANEL 3B-S. THIS PANEL WAS PROPERLY INSTALLED AND THE INSPECTION RECORDS FOR THE OTHER PANELS ASSOCIATED WITH THE 3B DIESEL GENERATOR WERE INADEQUATE  |  |
| 292701B | 050003828309     | 5                      | 2                      |                 |       | FAILURE TO FOLLOW PROCEDURES FOR UPDATING RED-LINE DRAWINGS FOR SAFETY-RELATED INSTRUMENTATION: CRITERION V OF 10CFR50, APP B, REQUIRES THAT ACTIVITIES AFFECTING SAFETY SHALL BE ACCOMPLISHED IN A   |  |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT<br>COMPLETE | STAFF | TEXT  |
|---------|------------------|------------------------|------------------------|-----------------|-------|---|
| 292701B | 050003828309     | 5                      | 2                      |                 |       | CCORDANCE WITH INSTRUCTIONS, PROCEDURES AND DRAWINGS. MERCURY PROCEDURE SP 677, REV 5, "PROCEDURE FOR RED-LINING DRAWINGS," PARAGRAPH 6.1.5.1, REQUIRES THAT CHANGES REFLECTED IN THE RED-LINED DRAWING BE INCORPORATED IN A NEW REVISION WITHIN 90 DAYS OF THE FIRST RED-LINE AND SUBMITTED TO EBASCO SERVICES INC., FOR APPROVAL. CONTRARY TO THE ABOVE, DURING THE PERIOD OF FEB 8-10, 1983, THE NRC INSPECTOR IDENTIFIED THE FOLLOWING THREE MERCURY COMPANY DRAWINGS WITH RED-LINE DRAWINGS THAT HAD GONE CONSIDERABLY MORE THAN 90 DAYS WITHOUT A NEW REVISION INCORPORATING THE CHANGES. DRAWING NO. 853-T-005A, REV 3, RED-LINE DATE RL-1 TOF FEB 5, 1982: DRAWING NO. 853-T-005A, REV 3, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982: DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982: DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982: DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982: DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982: DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982 |
| 292701B | 050003828317     |                        |                        |                 | 20    | 그 그 아이에서 대통령적인 생생님들을 되지 않는데 그래  |
| 292702B | 050003827510     |                        | Protection II          |                 | 4     |   |
| 292702B | 050003827601     |                        |                        |                 | 3     |   |
| 292702B | 050003827602     |                        |                        |                 | 3     | 그는 그 이 이 사용을 하면 하면 하는 것이 그 이 이 전에 가면 살아갔다.  |
| 2927028 | 050003827604     |                        |                        |                 | 9     | 동네는 그렇게 먹는 일 전 하면 뭐라지 않다니다.   |
| 292702B | 050003827605     | -                      |                        |                 | 6     | 보는 그 그래도 그래면 이 이상 생기에 그 어떻게 되었다.  |
| 292702B | 050003827606     |                        |                        |                 | 2     | 그리아 아이를 살아가 하는 것이 없는 사람들이 모르겠다.   |
| 292702B | 050003827607     |                        |                        |                 | 14    | 그리고 생생이 그리고 있는데 얼마 그렇다 그렇다  |
| 292702B | 050003827608     |                        |                        |                 | 10    |   |
| 292702B | 050003827609     |                        |                        |                 | 10    | 다. 이번 시간 시간 시간 중요한 사람들은 살아 되었다면서  |
| 292702B | 050003827611     |                        |                        |                 | 6     | 레이지 않는 사람이 살아서 살아 있는 사람들이 없다.   |
| 292702B | 050003827611     | -                      |                        |                 | 7     |   |
| 292702B | 050003827702     | -                      |                        |                 | 8     | 그리고 가는 그리고 있을 경우되는 데 그는 이용을 보고 함?   |
| 292702B | 050003827703     |                        |                        |                 | 1     | 이 맛이 이렇게 그렇다면 아이 아니까지 않아니다. 그래요   |
|         |                  |                        |                        |                 |       |   |

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| 292702B | 050003827704     |                        |                        |     | 2     |   |
| 292702B | 050003827705     | 74-                    |                        |     | 5     |   |
| 292702B | 050003827707     |                        |                        |     | 3     |   |
| 292702B | 050003827712     |                        |                        |     | 4     |   |
| 292702B | 050003827801     | - 1                    |                        |     | 4     |   |
| 292702B | 050003827805     |                        |                        |     | 6     |   |
| 292702B | 050003827806     | -                      | 17.4                   |     | 6     |   |
| 292702B | 050003827807     |                        |                        |     | 16    | [[] [[] [[] [[] [] [] [] [] [] [[] [] []  |
| 292702B | 050003827811     |                        | *                      |     | 10    |   |
| 292702B | 050003827814     |                        |                        |     | 6     |   |
| 292702B | 050003827816     |                        |                        |     | 12    | - Professor   |
| 2927028 | 050003827816     |                        |                        |     | 10    |   |
| 292702B | 050003827902     | 2                      |                        |     | 8     | FAILURE TO FOLLOW PROCEDURE - SURVEILLANCE OF WELD ING PARAMETERS: CRITERION V OF APPENDIX B TO 10 C FR PART 50 REQUIRES THAT ACTIVITIES AFFECTING QUAL ITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DOCUM ENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS. SEC TION 6.1.14 OF T-B PROCEDURE, "VISUAL INSPECTION" TBP-26, REVISION D, STATES IN PART, "SURVEILLANCE OF WELDING PARAMETERS, IE., AMPERAGE, VOLTAGE, GAS FLOW RATE, ETC., WILL BE PERFORMED DAILY ON A RAN DOM BASIS TO VERIFY CONFORMANCE WITH THE WELDING PROCEDURE BEING USED." CONTRARY TO THE ABOVE: THE WELDING PARAMETERS, PREHEAT AND INTERPASS TEMPERA TURES, WERE NOT INCLUDED IN THE SURVEILLANCE CONDUCTED ON SAFETY RELATED PIPE WELDING ACTIVITIES DURING THE PERIOD DECEMBER 21, 1973, THROUGH JANUARY 25, 1979, AS VERIFIED IN A DISCUSSION WITH THE COGNIZANT WELDING SURVEILLANCE INSPECTOR. |
| 2927028 | 050003827905     | - 7                    |                        |     | 6     | 그 그리다 하는 이 사람들은 회에 가는 사람들이 하는 것을 다른 사람이 없다.   |
| 292702B | 050003827906     |                        | The later to           |     | 3     |   |

|         |                  |                        |                        |          |       | - |
|---------|------------------|------------------------|------------------------|----------|-------|---|
| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF |   |
| 292702B | 050003827907     | -                      |                        |          | 6     |   |
| 292702B | 050003827910     |                        |                        |          | 8     |   |
| 292702B | 050003828020     |                        | Test Test              |          | 2     |   |
| 292702B | 050003828105     | D                      |                        |          | 20    |   |
|         |                  |                        |                        |          |       |   |

FAILURE TO CONTINUE CORRECTIVE ACTION COMMITMENT -WEEKLY SURVEILLANCE INSPECTION: DURING A PREVIOU S INSPECTION, IE INSPECTION REPORT NO. 50-382/80-0 6, DATED APRIL 4, 1980, THE NRC INSPECTOR IDENTIFI ED AN ITEM OF NONCOMPLIANCE WHEREIN THE LICENSEE'S SUBCONTRACTOR FAILED TO FOLLOW CONTRACT PROCEDURE S RELATIVE TO THE CARE AND MAINTENANCE INSTRUCTION S (CMI'S FOR THE CONTAINMENT PENETRATION ASSEMBLE ES. THE LICENSEE RESPONSED TO THE ABOVE VIOLATION IN A LETTER DATED MAY 9, 1980. PARAGRAPH 2 OF TH IS LETTER STATED, IN PART, "CORRECTIVE ACTION TAKE N TO PRECLUDE REPETITION," "QC WILL INCREASE SURVE ILLANCE INSPECTIONS TO ENSURE THAT CMI REQUIREMENT S ARE BEING COMPLIED WITH. INSPECTIONS WILL BE CO NDUCTED ON A WEEKLY BASIS AND THE RESULTS DOCUMENT ED." CONTRARY TO THE ABOVE: DURING THIS INSPECTI ON, THE NRC INSPECTOR OBSERVED THAT THE SUBCONTRAC TOR'S QC DEPARTMENT IMPLEMENTED WEEKLY SURVEILLANC E INSPECTIONS ON APRIL 4, 1980, THROUGH MAY 31, 19 80, AND DOCUMENTED THEM ON TOMPKINS-BECKWITH'S FOR M NO. GP-723-67, "IN-PLACE STORAGE SURVEILLANCE REPORTS." HOWEVER, THERE ARE NO RECORDS TO INDICATE THAT QC SURVEILLANCE INSPECTIONS OF CONTAINMENT PE NETRATIONS WERE CONDUCTED FROM JUNE 1, 1980, TO TH E PRESENT (NEITHER ON A WEEKLY NOR MONTHLY BASIS). FAILURE TO VERIFY OR EVALUATE THE ACCEPTABILITY OF INSPECTION AND TESTS RESULTS: LP&L'S COMMITMENT TO THE NRC GREEN BOOK, WASH 1309, DATED MAY 10, 19 74, IS IDENTIFIED IN A LETTER (LPL-7109), LP&L TO NRC, DATED JUNE 23, 1977, AND IN THE LP&L QA MANUA L, SECTION 2.0, TABLE 2-1. THE GREEN BOOK, "GUIDA NCE ON QUALITY ASSURANCE REQUIREMENTS DURING THE C ONSTRUCTION PHASE OF NUCLEAR POWER PLANTS," CONTAI NS THE "SUPPLEMENTARY QUALITY ASSURANCE REQUIREMEN TS FOR INSTALLATION, INSPECTION AND TESTING OF MEC HANICAL EQUIPMENT AND SYSTEM FOR THE CONSTRUCTION PHASE OF NUCLEAR POWER PLANTS," DRAFT ANSI N45.2.8 SECTION 2.0 OF THE DRAFT STANDARD, "GENERAL REQ UIREMENTS," SUBSECTION 2.3, "RESULTS," STATES, IN

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|---------|------------------|------------------------|------------------------|-----|-------|---|
| 292702B | 050003828105     | D                      |                        |     | 20    | PART, "TEST REPORTS AND DATA SHEETS INCLUDE AN EVALUATION OF THE ACCEPTABILITY OF INSPECTION AND TEST RESULTS AND PROVIDE FOR IDENTIFYING THE INDIVIDUAL WHO PERFORMED THE EVALUATION." CONTRARY TO THE ABOVE: A. TOMPKINS-BECKWITH (T-B0 FORM GP-723-43, "TENSION TEST REPORTS," WHICH REFLECT TENSION TEST RESULTS FOR THE T-B PROCEDURE TBP-33, "PROCEDURE FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS I CONCRETE," WERE NOT EVALUATED FOR ACCEPTABILITY AT THE CONCLUSION OF THE INSPECT ION/TESTING ACTIVITY DURING THE PERIOD FEBRUARY 27, 1978, THROUGH JANUARY 28, 1981. B. ALL TENSION TEST REPORTS WERE CONSIDERED COMPLETE AND WERE BEING RETAINED IN THE T-B QA/QC RECORDS STORAGE VAULT PRIOR TO FINAL TURNOVER TO THE LICENSEE. C. OF THE 115 TENSION TEST REPORTS REVIEWED BY THE T-B QA SUPERVISOR DURING THIS IE INSPECTION PERIOD, 111 REPORTS WERE FOUND TO HAVE UNACCEPTABLE DISCREPANCIES. D. THE T-B COGNIZANT REPRESENTATIVE INDICATED THAT T-B DOES NOT HAVE PROVISIONS IN THEIR QA PROGRAM PROCEDURES FOR EVALUATING THE ACCEPTABILITY OF INSPECTION AND TEST RESULTS, NOR PROVIDES THE IDENTITY OF AN INDIVIDUAL WHO WOULD PERFORM AN EVALUATION. |
| 292702B | 050003828107     |                        | 100                    |     | 12    | 시민 이 동안 보다 하고 하는 이 하는 사람이 뭐 하고 있다. 그 바다   |
| 292702B | 050003828131     |                        | (1), ×                 |     | 1     | 그는 그는 그들이 하는 사람들은 바라가 하고 있다.  |
| 292702B | 050003828205     |                        |                        |     | 11    |   |
| 292702B | 050003828206     |                        |                        |     | 8     |   |
| 292702B | 050003828208     |                        |                        |     | 4     | •   |
| 292702B | 050003828316     |                        |                        |     | 1.    |   |
| 292702B | 050003828317     |                        | -                      |     | 16    |   |
| 292703B | 050003827917     |                        | -                      |     | 20    |   |
| 292703B | 050003828013     |                        | 100                    |     | 22    |   |
| 292703B | 1111111111111    |                        |                        |     | 31    |   |
|         | 050003828016     |                        |                        |     | 23    |   |

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|------------|------------------|------------------------|------------------------|-----|--------------|------------------------------------|
| 292703B    | 050003828020     |                        |                        |     | 3            |                                    |
|            | 050003828026     | -                      |                        |     | 4            |                                    |
|            |                  |                        | 11 teatr               |     | 6            |                                    |
| April 1997 | 050003828110     |                        |                        |     | 34           |                                    |
|            | 050003828114     |                        |                        |     | 11           |                                    |
| 292705B    | 050003827510     |                        |                        |     | 4            |                                    |
| 292705B    | 050003827602     |                        |                        |     | 3            |                                    |
| 292705B    | 050003827702     |                        |                        |     | 21           | 그리스 마시 이 집에 가장하다 그리고 하고 하는 바로 됐네요. |
| 292705B    | 050003827703     |                        |                        |     | 2            |                                    |
| 292705B    | 050003827704     |                        | -                      |     | 2            |                                    |
| 292705B    | 050003827705     |                        |                        |     | 5            |                                    |
| 292705B    | 050003827706     |                        | 4                      |     | 7            |                                    |
| 292705B    | 050003827707     |                        |                        |     | 10           | 그런 그렇게 되었다. 그리고 하지네!               |
| 292705B    | 050003828120     | -                      |                        |     | 3            | 마이 등 점점 이 시간 이렇게 하는 것이 가게 되었다.     |
| 292706     | 050003828303     |                        | -                      |     | 20           |                                    |
| 292/06     | 050003828309     |                        |                        |     | 2            | 그 그 그 사람이 하는 것이 그렇게 되었다. 그리고 있다.   |
| 292706B    | 050003827607     |                        |                        |     | 17           |                                    |
| 292706B    | 050003827608     |                        | NO LES                 |     | 23           | 시시 그 이 아이는 이 나는 이 바람이 되었다면서 되었다.   |
| 292706B    | 050003827609     |                        |                        |     | 35           | 그는 집에 하는 그리고 없는 그 그리고 하지 않아 다니다.   |
| 292706B    | 050003827610     |                        |                        |     | 4            |                                    |
| 292706B    |                  |                        |                        |     | 12           | 경기 기계하는 경기에 가장 하게 되었다는 내가 되었다.     |
| 292706B    |                  |                        |                        |     |              |                                    |
| 7.77       | 050003827702     |                        |                        |     | 25           | 그리, 그리고 하면요. 그렇다 살아 보다 되었다고요       |

| MODULE® | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT  | PCT | STAFF | TEXT   |
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| 292706B | 050003827703     | - 1                    |   |     | 11    |  |
| 292706B | 050003827704     |                        | - 1 e 1 i i   |     | 10    | 그리는 그리카 사이를 느꼈다고 살아가 되었다. 선생님이 없다.   |
| 292706B | 050003827705     |                        |   |     | 35    | [전] - BO (1995) - 시간인원회 (1995) (1996) - [1996] (1996) - [1996] (1996) - [1996] (1996) - [1996] (1996) - [1996]   |
| 292706B | 050003827706     |                        |   |     | 19    |  |
| 292706B | 050003827707     |                        |   |     | 10    |  |
| 292706B | 050003827708     |                        | ·   |     | 36    |  |
| 292706B | 050003827709     |                        | *   |     | 18    |  |
| 292706B | 050003827710     |                        |   |     | 10    | 그렇게 그리고 하는 그리 하는 사람이 되었다고 하는 사람들이 없었다.   |
| 292706B | 050003827711     |                        | , 11, + , 1   |     | 40    |  |
| 292706B | 050003827712     |                        | -   |     | 9     |  |
| 292706B | 050003827713     |                        |   |     | 15    |  |
| 2927063 | 050003827714     |                        |   |     | 10    |  |
| 292706B | 050003827801     | -                      |   |     | 14    | 그 이 사는 아이에 사는 아들이 되다는 수는 이 마음이는 이번 기를 받았다.   |
| 2927063 | 050003827802     |                        |   |     | 14    | 그리고 하는 그렇게 하고 있습니다. 하나를 받아 하지만 그렇게 됐다.   |
| 292706B | 050003827803     |                        |   |     | 6     |  |
| 292706B | 050003827805     | 5 .                    | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |     | 25    |  |
| 292706B | 050003827806     |                        | 10 To |     | 4     | 그림, 그는 그 살아왔다. 그는 그는 그를 그리고 얼굴을 살해 살았다.  |
| 292706B | 050003827807     |                        |   |     | 25    |  |
| 292706B | 050003827808     | 3                      |   |     | 49    | FAILURE TO REPORT SAFETY SIGNIFICANT DEFICIENCY: 10 CFR PART 50.55, PARAGRAPH (E)(1), "CONDITIONS OF CONSTRUCTION PERMIT" STATES IN PART, "THE HOLDER OF THE PERMIT SHALL NOTIFY THE COMMISSION OF EACH DEFICIENCY FOUND IN DESIGN AND CONSTRUCTION, WHICH, WERE IT TO HAVE REMAINED UNCORRECTED, COULD HAVE AFFECTED ADVERSELY THE SAFETY OF OPERATIONS OF THE NUCLEAR PLANT AT ANY TIME THROUGHOUT THE EXPECTED LIFETIME OF THE PLANT, AND WHICH REPRESENTS: |

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| 292706B | 050003827808     | 3                      |                        |     | 49    | (II) A SIGNIFICANT DEFICIENCY IN FINAL DESIGN A S APPROVED AND RELEASED FOR CONSTRUCTION SUCH THAT THE DESIGN DOES NOT CONFORM TO THE CRITERIA AND B ASES STATED IN THE SAFETY ANALYSIS REPORT OR CONST RUCTION PERMIT" CONTRARY TO THE ABOVE, BY COPY OF A LETTER DATED OCTOBER 19, 1977, COMBUSTION EN GINEERING, INC. TO EBASCO SERVICES, INC. (C-CE-469 6), THE LICENSEE WAS ADVISED OF A SIGNIFICANT FLOW PROBLEM EXPERIENCED IN THE HPSI SYSTEM OF A SIMIL AR DESIGNED FACILITY WHICH WAS ATTRIBUTED TO EXCES SIVE PRESSURE DROP THROUGH SPECIFICALLY IDENTIFIED CONTROL VALVES. THE LETTER FURTHER STATES THAT, "THE REDUCTION IN FLOW WAS SERIOUS ENOUGH TO INVAL IDATE THE SAFETY ANALYSIS (ECCS ANALYSIS 10 CFR 50 APPENDIX K)." IT WAS CONFIRMED IN DISCUSSIONS WI THE THE LICENSEE THAT HPSI CONTROL VALVES OF THE S AME DESIGN AS DESCRIBED IN THE COMBUSTION ENGINEER ING LETTER HAD BEEN SUPPLIED TO WATERFORD 3. THIS MATTER WAS NOT REPORTED TO THE NRC BY THE LICENSE E IN ACCORDANCE WITH 10 CFR 50.55(E).   |
| 292706B | 050003827809     |                        |                        |     | 12    |   |
| 292706B | 050003827810     |                        | 4 6 10                 |     | 31    |   |
| 292706B | 050003827811     | 2                      |                        |     | 16    | FAILURE TO FOLLOW CONTRACT SPECIFICATION PROVISION S RELATED TO FIRE PREVENTION: CRITERION V OF APPE NDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFEC TING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES AND DRAWIN GS. SECTION D-7 OF CONTRACT W3-NY-16, "ERECTION OF MAIN AND MISCELLANEOUS STRUCTURAL STEEL AND PERFORMANCE OF RELATED WORK" APPLICABLE TO AMERICAN BRIDGE AND SIMILAR RESTRICTIONS IN OTHER CONTRACTS A PPLICABLE TO OTHER CONSTRUCTION CONTRACTORS PRECLU DE THE USE OF WOOD AND OTHER FLAMMABLE MATERIALS WITHIN THE REACTOR CONTAINMENT UNLESS THE WOOD HAS BEEN TREATED WITH A FLAME RETARDANT. CONTRARY TO THE ABOVE: 1. ON SEPTEMBER 7, 1978, IT WAS OBSER VED: THAT TEMPORARY COVERS INSTALLED ON TWO FAN/C OOLER UNITS STORED WITHIN THE CONTAINMENT STRUCTURE, WERE FABRICATED FROM PLYWOOD AND PLASTIC SHEETING NOT IDENTIFIED AS FLAME RETARDANT. SUBSEQUENT DISCUSSIONS WITH LP&L AND EBASCO PERSONNEL COULD NOT CONFIRM THAT THE TEMPORARY COVERS WERE FLAME RETARDANT. 2. IT WAS ALSO OBSERVED ON SEPTEMBER 7, |

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | COMPLETE | STAFF | TEXT   |  |
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| 292706B | 050003827811     | 2                      |                        |          | 16    | 1978, THAT WOODEN PLANKING, BEING UTILIZED AS TEM PORARY SCAFFOLDING BY AMERICAN BRIDGE WITHIN THE CONTAINMENT, WAS NOT IDENTIFIED AS FLAME RETARDANT WOOD. LICENSEE AND CONTRACTOR INVESTIGATION CONFIRMED THAT THE PLANKING WAS NOT TREATED FOR FIRE RETARDANCY.   |  |
| 292706B | 050003827812     | 2                      |                        |          | 17    | FAILURE TO PROPERLY INSPECT STRUCTURAL WELDS: 10 CFR 50, APPENDIX B CRITERION X REQUIRES THAT A PRO GRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALIT Y BE EXECUTED TO VERIFY CONFORMANCE WITH PROCEDURE S. THE AMERICAN BRIDGE PROCEDURE NO. 6, REV. E, P ARAGRAPH 6.8.2 REQUIRES THAT WELD PROFILES BE AS S HOWN IN FIGURE 3.6 OF THE AMERICAN WELDING SOCIETY (AWS) STRUCTURAL WELDING CODE D1.1 AND THAT UNDER CUT BE NO GREATER THAN 0.03 INCHES. CONTRARY TO THE ABOVE: ONE FULL PENETRATION WELD AND TWO FILLE TWELDS, AT ELEVATION (-)4° IN THE CONTAINMENT BUILDING STRUCTION STEEL, HAD BEEN VISUALLY INSPECTED AND ACCEPTED BY AMERICAN BRIDGE, BUT WERE FOUND TO HAVE UNDERCUT OF APPROXIMATELY .06 INCHES AND OVERLAP AND SLAG IN EXCESS OF THE ACCEPTANCE CRITERIA SPECIFIED IN AMERICAN BRIDGE PROCEDURE NO. 6 AND THE AWS STRUCTURAL WELDING CODE D1.1. |  |
| 292706B | 050003827813     |                        |                        |          | 20    | 그 나는 아내가 하다 하다면서 그 나는 하는데 이렇게 하다 되었다.  |  |
| 292706B | 050003827814     |                        | 75 A.                  |          | 8     | 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그  |  |
| 292706B | 050003827815     |                        |                        |          | 16    | 일시 경기 가는 것이 되었다. 그 그 그들은 그 전에 가는 것이 되었다.   |  |
| 292706B | 050003827901     |                        |                        |          | 6     |  |  |
| 2927068 | 050003827902     |                        |                        |          | 15    | 그는 이번 내가 가는 그렇게 그 그리고 있다면 하다면 하다니다.  |  |
| 292706B | 050003827903     |                        | to Magnetin            |          | 20    | 그리고 그 아이들은 아이들은 아이를 보고 있다면 하는 생생님  |  |
| 292706B | 050003827904     |                        |                        |          | 10    |  |  |
| 292706B | 050003827905     |                        |                        |          | 12    |  |  |
| 292706B | 050003827906     |                        |                        |          | 3     |  |  |
| 292706B | 050003827907     | -                      |                        |          | 12    | 그리고 아이나 시민들은 시작을 가다는 것 같아요.  |  |
| 292706B | 050003827908     | -                      | 10.1                   |          | 8     | 그 그리고 그리고 있는 그 사람이 없는 그 모든 눈이를 모았다.  |  |

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|---------|------------------|------------------------|------------------------|-----------------|-------|---|
| 292706B | 050003827910     |                        | -                      |                 | 15    |   |
| 292766B | 050003827912     | -                      |                        |                 | 5     | 그리아 아이 마시트 아이를 살아가는 살아 들었다.                       |
| 292706B | 050003827916     |                        |                        |                 | 12    |   |
| 292706B | 050003827917     | -                      |                        |                 | 29    |   |
| 292706B | 050003828002     |                        |                        |                 | 15    |   |
| 292706B | 050003828003     | -                      |                        |                 | 13    | : [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]         |
| 292706B | 050003828005     |                        |                        |                 | 6     |   |
| 292706B | 050003828006     | -                      |                        |                 | 25    |   |
| 292706B | 050003828008     |                        |                        |                 | 6     |   |
| 292706B | 050003828009     | 2                      |                        |                 | 8     | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATIVE TO |

THE CARE OF SAFETY-RELATED PIPING CRITERION PPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AF FECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE A PPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCO MPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PR OCEDURES, OR DRAWINGS. SECTION P.9 OF THE EBASCO CONTRACT SPECIFICATION FOR TOMPKINS-BECKWITH, CONT RACT NO. W3-NY-11, REQUIRES THAT THE CONTRACTOR AB IDE BY THE GUIDELINE PROVISIONS OF ANSI N45.2.2, " PACKAGING, SHIPPING, RECEIVING, STORAGE, AND HANDL ING OF ITEMS FOR NUCLEAR POWER PLANTS." SECTION 6 . 1. 1 REQUIRES THAT DURING CONSTRUCTION THE POSSIBI LITY OF DAMAGE TO MATERIALS OR COMPONENTS OR THE L OWERING OF QUALITY DUE TO CORROSION, CONTAMINATION , OR DETERIORATION BE MINIMIZED. ALSO, SECTION 6. 1.2 REQUIRES THAT ITEMS SUCH AS PIPING BE STORED O N CRIBBING OR EQUIVALENT TO ALLOW FOR AIR CIRCULAT ION AND TO AVOID TRAPPING WATER. CONTRARY TO THE ABOVE: ON APRIL 23, 1980, DURING A BACKSHIFT INSP ECTION, THE IE INSPECTOR OBSERVED THREE SPOOLS OF COMPONENT COOLING WATER PIPING LYING DIRECTLY ON T HE CONCRETE FLOORING IN THE REACTOR CONTAINMENT BU ILDING AT ELEVATION 0. THE PIPING (3CC-10-13A/B-1 1,3CC-10-57 AND 3CC-10-33B-22-1) WAS NOT SEGREGATE D FROM THE STORAGE OF OTHER MATERIALS TO MINIMIZE

| MODULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT | PCT | STAFF | TEXT   |
|---------|------------------|------------------------|------------------------|-----|-------|--|
| 92706B  | 050003828009     | 2                      |                        |     | 8     | DAMAGE. THESE OTHER MATERIALS INCLUDED REINFORCIN G STEEL, TOOLS, PIECES OF SCAFFOLDING, AND OTHER I TEMS APPARENTLY USED BY THE CONSTRUCTION TRADES WORKING IN THE AREA.  |
| 92706B  | 050003828010     |                        |                        |     | 12    |  |
| 292706B | 050003328018     |                        | -                      |     | 7     | 그 사람은 맛있다고 하다 보이 이번 사람들이 살아 하지 않았다.  |
| 292706B | 050003828020     | - 1                    | -                      |     | 10    | [] [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [   |
| 2927068 | 050003828027     |                        | -                      |     | 9     | [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [  |
| 292706B | 050003828031     |                        | -                      |     | 2     |  |
| 292706B | 050003828104     | -                      | -                      |     | 11    | 이 경우 사람은 이 방향을 받는 것이 없는 그 그 이 사람이 없었다면 하다.   |
| 292706B | 050003828105     |                        | -                      |     | 12    | 우리 얼굴보다 그리고 하는데 하나 사람들은 그리는데 얼마나 되었다.  |
| 292706B | 050003828107     |                        | -                      |     | 6     | 네 맛있었다. 그런, 하셨다고 하루를 가겠다고 되었다. (2012년 )  |
| 292706B | 050003828110     |                        |                        |     | 3     | 기계 경기 되는 사람이 하고 있다면 하는 것이 없는 것이 없는데 그렇게 했다.  |
| 292706B | 050003828111     |                        |                        |     | 13    |  |
| 292706B | 050003828112     |                        |                        |     | 18    | 선생님 하는 동네는 마음이 불다는 일반에 가지 않는데 되었다.   |
| 292706B | 050003828116     | +                      | -                      |     |       | 이렇게 이번에 한 사람이 하는 것이 없는 것이 없는데 없다.  |
| 292706B | 050003828117     |                        | - 1                    |     | 6     | (8) 경험생활, 15 명의 교육 전환 경험 경험 시간 시간 점점 10 시간 |
| 292706B | 050003828120     | 7-1-1                  |                        |     | 3     |  |
| 292706B | 050003828122     |                        | -                      |     | 5     |  |
| 292706B | 050003828124     |                        | -                      |     | 4     | 기가 아이들은 여기가 하지 않는 것이다. 이 시에 없었다. 그 아이는 것   |
| 292706B | 050003828126     | 13.5                   | -                      |     | 4     | 그 그 아이는 그녀가 그러면 하는 그리다는 것이 없다.   |
| 292706B | 050003828127     | -                      | -                      |     | 4     |  |
| 292706B | 050003828129     |                        | -                      |     | 18    | 수 가게 열었다. [1782년 - 영화가 이 기계를 통해 되었다.   |
| 292706B | 050003828131     |                        |                        |     | 6     | 경기 시간 이 기계가 됐다. 경기 가게 되는 사람이 되었다면 얼마나 없다.  |
| 292706B | 050003828201     |                        | -                      |     | 9     |  |

| 10DULE# | DOCKET<br>REPORT | DEVIATION/<br>SEVERITY | SEVERITY<br>SUPPLEMENT                 | PCT STAFF<br>COMPLETE HRS | TEXT |  |
|---------|------------------|------------------------|--|---------------------------|------|--|
| 292706B | 050003828205     |                        |  | 16                        |      |  |
| 292706B | 050003828206     |                        | -                                      | 12                        |      |  |
| 92706B  | 050003828208     |                        | -                                      | 25                        |      |  |
| 92706B  | 050003828213     | 4                      | -                                      | 20                        |      |  |
| 92706B  | 050003828217     | -                      | 4                                      | 2                         |      |  |
| 92706B  | 050003828218     | -                      | L.                                     | 6                         |      |  |
| 927068  | 050003828219     |                        |  | 130                       |      |  |
| 92706B  | 050003828221     | -                      |  | 3                         |      |  |
| 92706B  | 050003828227     | -                      | -                                      | 5                         |      |  |
| 92706B  | 050003828229     |                        |  | 44                        |      |  |
| 92706B  | 050003828306     |                        | ************************************** | 15                        |      |  |
| 92706B  | 050003828313     | -                      |  | 13                        |      |  |
| 92706B  | 050003828316     |                        | -                                      | 12                        |      |  |
| 92706B  | 050003828317     | _                      | -                                      | 2                         |      |  |
| 92706B  | 050003828325     | - 1                    |  | 4                         |      |  |
| 927068  | 050003828331     | -                      | -                                      | 23                        |      |  |
| 92715B  | 050003828014     | -                      |  | 8                         |      |  |
| 94600C  | 050003828109     | -                      |  | 8                         |      |  |
| 94702B  | 050003827812     | -                      | -                                      | 16                        |      |  |
| 94702B  | 050003828101     |                        |  | 27                        |      |  |

\*\*\*\* FT03 TYPE 0 END OF MARK IV REPORT

\*\*\*\*\* FD02 TYPE 0 REQUEST-TEST

REPORT-1 REQUESTOR ID- B JOHNS

Jung Odlar

Waterford - 3 Doctot 05000382

Sorted by module with dates of applicable its pection (for all Phoses) Enforcement violations with brief Text

Note: Module listing storts on Pope 5 tems Hote: Module not wes port into 766 for items (No module not wes port into 766 for items)

New 1/20/842.

| FROM<br>DATE | TO<br>DATE | MODULE#    | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|------------|------------|---------------|------------------------|--|
| 061775       | 062075     | No Mad ref | , 2           | 2                      | CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION XI, T EST RESULTS OF SAND FOR FRIABLE PARTICLES AND CLAY LUMPS WERE NOT EVALUATED PRIOR TO MIXING OF CONCR ETE FOR DESIGN STRENGTH TESTS.  CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION XV, 2 -3% OF THE REINFORCING STEEL ACCEPTED DID NOT MEET THE END SQUARENESS TOLERANCE AS DESIGNATED IN EBA SCO SPECIFICATION LOU 1564.473.  CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION V, A STATISTICAL PROGRAM FOR SAMPLING OF MILL SILOS HAD NOT BEEN ESTABLISHED, SILO SAMPLES WERE NOT TAKEN AND RECORDING OF DATA WAS NOT ACCOMPLISHED IN ACC ORDANCE WITH PROCEDURE NO. QC 4.0-2.  CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION XV, N ONCONFORMING REINFORCING STEEL WAS NOT IDENTIFICAB LE FROM THE "NOTICE OF NONCONFORMING MATERIAL/EQU IPMENT AT SITE" REPORT (NRC) TO THE MATERIAL RECEI VED REPORTS. ALSO THE NRC WAS NOT IDENTIFIED ON THE MATERIAL RECEIVING INSPECTION REPORT.  CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION V, CO ARSE AGGREGATE SKOCKPILING WAS NOT IN ACCORDANCE WITH ACI 614, "RECOMMENDED PRACTICE FOR MEASURING, MIXING AND PLACING CONCRETE (PSAR, AMENDMENT NO. 12, Q 5.8-2). THE AGGREGATE WAS STOCKPILED BY CONVEYORTO A HEIGHT WHICH WAS CONDUCIVE TO SEGREGATION |
| 120275       | 120575     |            | 2             | 2                      | CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION XV, D ISPOSITION CONCERNING CORRECTIVE ACTION COULD NOT BE MADE ON SEVERAL AGGREGATE SIEVE ANALYSES WHICH DID NOT MEET SPECIFICATIONS.  CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION V, RE VISIONS TO THE EBASCO SPECIFICATION, LOU 1564.472, "CONCRETE MASONRY SEISMIC CLASS I," WERE MADE BY MEMORANDUM RATHER THAN BY THE PRESCRIBED REQUIREME NTS AS SPECIFIED IN EBASCO PROCEDURE ASP-1-4, "DES IGN CONTROL."  |
| 010776       | 010976     |            | 2             | 2                      | CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION V, EB ASCO SPECIFICATION LOU 1564.472, AND DURING PLACEM ENT NO. 4995024 ON 12/22/75, ON 9 CUBIC YARD LOAD OF CONCRETE WITH 7% AIR CONTENT WAS PLACED IN THE COMMON FOUNDATION MAT.   |
| 021076       | 031276     | 1          | 2             | 2                      | CONTRARY TO THE ABOVE, FEGLES POWER SERVICES CORPORATION HAD RECEIVED AND INSTALLED REBAR FOR THE REACTOR SHIELD WALL WITHOU APPROVED PROCEDURES FOR T   |

| FROM<br>DATE | TO<br>DATE | MODULE# |   | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|------------|---------|---|------------------------|---|
| 021076       | 031276     |         | 2 | 2                      | HESE ACTIVITIES.  CONTRARY TO THE ABOVE, CHICAGO BRIDGE & IRON HAS PERFORMED WELDING ON THE STEEL CONTAINMENT WITHOU PROCEDURES FOR MONITORING CONTROL OF CURRENT, VOLTAGE AND RATE OF TRAVEL.  CONTRARY TO THE ABOVE, A CONTRACT WAS AWARDED TO FEGLES POWER SERVICES CORPORATION FOR ERECTION OF THE RACTOR SHIELD WALL PRIOR TO THE CONDUCT OF A FACILITY AUDIT OF FEGLES QUALITY ASSURANCE PROGRAM.   |
| 051176       | 052176     |         | 4 | 2                      | SEVERAL EBASCO FORMS, DOCUMENTING TEST RESULTS, WE RE NOT MARKED TO INIDCATE INSPECTION ACCEPTANCE OR REJECTION.  |
| 051176       | 052176     |         | 4 | D                      | NO PROVISIONS WERE PROVIDED TO FOR THE DISPOSAL OF USED ELECTRODE STUBS TO PRECLUDE THEIR INADVERTEN T INCORPORATION IN A WELDMENT.   |
| 092176       | 092476     |         | 2 | 2                      | CONTRARY TO 10 CFR 50, APP. B, CRITERION V: HANDLI VESSEL AND STEAM GENERATOR NO. 2 WERE NOT PERFORME D IN ACCORDANCE WITH THE PROVISIONS OF EBASCO PROCEDURE QCIP-16 IN THAT RECORDS DOCUMENTING THESE IN SPECTIONS WERE NOT PREPARED BY QC PERSONNEL. CONTRARY TO 10 CFR 50, APP. B, CRITERION V: CONTROL OF PURCHASED ITEMS RECEIVED AND ACCEPTED AT THE SITE WAS NOT PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF EBASCO PROCEDURE ASP-III-14 IN THAT MATE ERIAL RECEIVED INSPECTION REPORTS FOR TWELVE (12) ELECTRICAL PENETRATION ASSEMBLIES INDICATED THAT THE ASSEMBLIES WERE ACCEPTED PRIOR TO THE COMPLETION OF A DOCUMENTATION REVIEW BY THE SITE QA DEPARTM ENT. SUBSEQUENT TO ACCEPTANCE BY EBASCO MATERIALS CONTROL, DOCUMENTATION FOR THE ASSEMBLIES WAS FOUND TO BE DEFICIENT BY SITE QA. |
| 101376       | 102276     | 1       | 2 | 3                      | 10 CFR 50, APP. B, CRITERION V, STATES IN PART: "A CTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHA LL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRU CTIONS, PROCEDURES, OR DRAWINGS" CONTRARY TO THE ABOVE: VISUAL INSPECTION OF WELDING ON THE FUEL PIT LINERS WAS PERFORMED WITHOUT AN APPROVED NOOTER CORP. INSPECTION PROCEDURE. INSPECTIONS BY NOOTER EMPLOYEES HAD BEEN PERFORMED IN ACCORDANCE WITH AN EBASCO PROCEDURE WHICH HAD NOT BEEN REVIEW ED AND APPROVED FOR USE BY NOOTER CURP.  |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|------------|---------|---------------|------------------------|---|
| 101376       | 102276     |         | 2             | 2                      | 10 CFR 50, APP. B, CRITERION V, STATES I PART: "A CTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS" CONTRARY TO THE REQUIREMENTS STATED ABOVE: STORAGE OF CONTAIN MENT STRUCTURAL PLATES AND ASSEMBLIES WAS NOT IN ACCORDANCE IWHT THE PROVISIONS OF CB&I PROCEDURE SHP-71-2426-4B IN THAT FORMED PLATES WERE NOT PROTECTED FROM DAMAGE AND THE INTEGRITY OF PROTECTIVE COATING WAS NOT MAINTAINED. THE ACTIVITIES STATED WERE OBSERVED BY THE INSPECTOR DURING A TOUR OF THE STORAGE YARD ON OCTOBER 20, 1976.   |
| 121476       | 121676     |         | 2             | 2                      | 76-11/I.A.2. CERTIFICATION OF QC INSPECTOR REQUIRE S THAT ACTIVITIES AFFECTING QUALITY SHALL BE PERFORMED IN ACCORDANCE WITH APPROVAL PROCEDURES. EBAS CO PROCEDURE ASP-I-3, WHICH IMPLEMENTS CRITERION V FOR INDOCTRINATION AND TRAINING, STATES IN PART, "EACH PERSON WHO VERIFIES CONFORMANCE OF WORK ACTI VITIES TO QUALITY REQUIREMENTS SHALL BE CERTIFIED AS BEING QUALIFIED TO PERFORM HIS ASSIGNED WORK." CONTRARY TO THE REQUIREMENTS STATED ABOVE: AN EBAS CO EMPLOYEE WHO WAS ASSIGNED AS BATCH PLANT QC CIVIL INSPECTOR ON OCT. 14, 1976, WAS NOT CERTIFIED AS BEING QUALIFIED TO PERFORM HIS ASSIGNED WORK.  |
| 042677       | 052777     |         | 2             | 2                      | 10 CFR PART 50, APPENDIX B, CRITERION V, STATES TH AT, "ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRI BED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS." QA CORPOR ATION PROCEDURE 1.361, SECT. 6.2.2, STATES THAT, "THE GROUND HOPPER FOR THE BACKUP PLANT IS TO BE EMPTY EXCEPT WHILE IN USE." CONTRARY TO ABOVE: THE GROUND HOPPER OF THE BACKUP PLANT WAS OBSERVED NOT TO BE EMPTY ON APRIL 26, 1977. IT CONTAINED AGGR EGATE WHICH HAD TO BE UNLOADED BEFORE CONCRETE PRODUCTION BY BACKUP PLANT COULD BE INITIATED FOLLOWING A MALFUNCTION WHICH CAUSED THE MAIN PLANT TO BE SHUT JOWN DURING PRODUCTION OF CONCRETE FOR PLACE MENTS 556S01-11 AND 593S02-10. THIS IS AN INFRACTION. |

|              |            |         |               |                        | SORTED BY MODULE NUMBER  |
|--------------|------------|---------|---------------|------------------------|--|
| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
| 083077       | 090277     |         | 2             | 2                      | FAILURE TO PROVIDE ADEQUATE TAGGING OF NONCONFORMING ITEM 10 CFR PART 50, APPENDIX B, CRITERION V REQUIPES THAT "ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDUR ES, OR DRAWINGS." EBASCO PROCEDURE ASP 111-14, PARAGRAPH 6.2.5.6.2, REQUIRES THAT STATUS IDENTIFYING TAGGS SHALL BE SECURELY AFFIXED TO ITEMS. CONTRARY TO THE ABOVE: ON AUGUST 31, 1977, AN EBASCO QC HOLD TAGG WAS OBSERVED TO BE DETACHED FROM A SECTION OF NONCONFORMING CONTAINMENT SPRAY PIPING TO WHICH IT PREVIOUSLY HAD BEEN AFFIXED. THIS IS AN INFRACTION.  FAILURE TO FOLLOW PROCEDURES FOR THE CONTROL OF SPECIAL PROCESSES 10 CFR PART 50, APPENDIX B, CRITERION IX REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO ASSURE SPECIAL PROCESSES IN ACCORDANCE WITH WE CONTROLLED. THE LP&L QA MANUAL, REQUIREMENT QR 9.0, PARAGRAPHS 9.1 AND 9.2, REQUIRES THAT SUPPLIE RS PERFORM SPECIAL PROCESSES IN ACCORDANCE WITH WE SING DETAILS AND INSPECTION AND TEST REQUIREMENTS. CONTRARY TO THE ABOVE: ON SEPTEMBER 1, 1977, THE THREE FOLLOWING EXAMPLES OF FAILURE TO CONTROL SPECIAL PROCESSES WERE IDENTIFIED BY THE INSPECTOR.  A. ACCEPTED WELDS OF SEISMIC SUPPORT C-245 WERE NOT AS PRESCRIBED BY THE DRAWING AS REQUIRED BY QCI 101 MJ3. B. ACCEPT WELDS OF SEISMIC SUPPORT C-245 WERE UNDERCUT BY EXCESSIVE GRINDING PER QCI-101 MJ3. C. WELD ROOT CONTROL WAS NOT AS PRESCRIBED BY CP-206. THIS IS AN INFRACTION WITH MULTIPLE EXAMPLE STABLISHED TO ASSURE SPECIAL PROCESSES INCLUDING WELDING ARE CONTROLLED AND ACCOMPLISHED IN ACCORD ANCE CODES. THE LP&L QA MANUAL, REQUIRERS THAT MEASURES SHALL BE ESTABLISHED TO ASSURE SPECIAL PROCESSES INCLUDING WELDING ARE CONTROLLED AND ACCOMPLISHED IN ACCORD ANCE CODES. THE LP&L QA MANUAL, REQUIRERENT QR 9.0, PARAGRAPHS 9.1 AND 9.2, REQUIRES THAT SUPPLIERS PERFORM SPECIAL PROCESSES IN ACCORDANCE WITH APPLICABLE CODES AND USE WITTEN PROCESS CONTROLLED AND ACCOMPLISHED IN ACCORDANCE CODES. THE LP&L QA MANUAL, REQUIREMENT OF THE ABOVE THE WELDING CONDITIONS FOR THE BELDING PROCEDURES SPECIFICATIONS CONTAINED IN CONSTRUCTION PRO |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |             |
|--------------|--------|---------|---------------|------------------------|--|-------------|
| 083077       | 090277 | 1       | 2             | 2                      | SEISMIC SUPPORT STRUCTURES DID NOT PRESCRIBE PREH<br>EAT REQUIREMENTS AS ESTABLISHED BY THE AWS STRUCTU<br>RAL WELDING CODE, Di.1, 1975 EDITION. THIS IS AN<br>INFRACTION.   |             |
| 022283       | 030483 | 025555B | ) 1           |                        |  |             |
| 061775       | 062075 | 0990098 | 2             |                        |  |             |
| 080475       | 080675 | 0990098 | 1             |                        |  |             |
| 092375       | 092575 | 099009B | ) 1           |                        |  |             |
| 071879       | 072679 | 099014B | 1             |                        |  |             |
| 091979       | 092179 | 099014B | ) 1           |                        |  |             |
| 092479       | 092579 | 099014B | 1             |                        | 보는 사람은 전환이 되었다. 나라 가장 가장 가장 되었다.   |             |
| 022780       | 050280 | 099014B | 1             |                        |  |             |
| 040280       | 050280 | 099014B | 2             | 2                      | FAILURE TO VERIFY CONFORMANCE WITH DOCUMENTED DRAW INGS: CRITERION X OF 10 CFR 50, REQUIRES THAT A PROGRAM BE EXECUTED TO VERIFY CONFORMANCE WITH DOCUMENTED INSTRCTIONS, PROCEDURES AND DRAWINGS. CRITERION VII REQUIRES CONTROL OVER PURCHASED MATERIALS TO INCLUDE OBJECTIVE EVIDENCE OF QUALITY FURNISHED BY THE CONTRACTOR, INSPECTION AT THE MATERIAL SOURCE, AND EXAMINATION OF MATERIALS UPON DELIVERY. INSTRUCTIONS, AS SHOWN ON IEW DRAWING NO. 2662Q-1144, REV 2, SPECIFIED THAT ALL WELDS WERE TO BE PRODUCED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) REQUIREMENTS AND INSPECTED TO ASME BOILER & PRESSURE VESSEL CODE, SECTION HE REQUIREMENTS. CONTRARY TO THE ABOVE: EIGHT COLD-LEG SUPPORT COMPONENTS ("D" STOPS) FOR THE REACTOR COOLANT PIPING WERE FURNISHED BY INDUSTRIAL ENGINEERING WORKS (IEW) WITH WELD DEFECTS PROHIBITED BY THE NOTED DRAWING AND DISPECTION WITHOUT IDENTIFICATION OF THE OBSERVED DEFECTS. THESE DEFECTS WERE INCOMPLETE WELDS, MISSING WELDS AND MISORIENTED PIECES WHICH SHOULD HAVE BEEN SUFFICIENT FOR REJECTION AT BOTH SOURCE AND RECEIVING INSPECTIONS. | ? corrected |
| 073180       | 112180 | 099014B | 1             | -                      | 경기 시간에 대한 사람들이 얼마나 하고 있는데 이번 시간 모수   |             |

|   |              |            |         |               |                        |  | - |
|---|--------------|------------|---------|---------------|------------------------|--|---|
|   | FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |   |
|   | 120280       | 121080     | 099014B | 1             |                        |  |   |
| • | 032481       | 032781     | 099014B | 1             |                        |  |   |
|   | 081381       | 102281     | 099014B | 1             |                        |  |   |
|   | 032982       | 051682     | 099014B | 2             | 4                      | BASED ON THE RESULTS OF AN NRC INVESTIGATION CONDUCTED DURING THE PERIOD OF MAR 29 THRU MAY 16, 19 82, AND IN ACCORDANCE WITH THE NRC ENFORCEMENT POLICY (10 CFR PART 2, APP C) 47 FR 9987, DTD MAR 9, 1982, THE FOLLOWING VIOLATION WAS IDENTIFIED: 1 0 CFR PART 50, APP B, CRITERION V, STATES IN PART ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE SE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. ADMINISTRATIVE PROCEDURE MI-1-007, REV 0, PARAGRAPH 5.4, METROLOGY LAB QUALIFICATION, REQUIRES SPECIFIC QUALIFICATION ACTIVITIES TO BE COMPLETED, INCLUDING A FINAL SIGNATURE ON A QUALIFICATION CARD BY THE METROLOGY SUPERVISOR-NUCLEAR, IN ORDER FOR AN INDIVIDUAL TO BE QUALIFIED TO PERFORM CALIBRATION ACTIVITIES IN THE METROLOGY LAB. CONTRARY TO THE ABOVE, AN INDIVIDUAL IN THE LOUISIANA POWER & LIGHT COMPANY METROLOGY LAB PERFORMED EQUIPMENT CALIBRATION WITHOUT BEING QUALIFIED OVER A PERIOD OF ABOUT 18 MONTHS FROM APPROXIMATELY OCT 1980 THRU APR 1982. |   |
|   | 031682       | 041582     | 0990148 | 2             |                        | 보내는 어디는 얼굴을 가입다면 하네. 그렇게 되었다.  |   |
|   | 041682       | 051582     | 0990148 | 1             |                        |  |   |
|   | 020183       | 022883     | 0990148 | 1             |                        |  |   |
|   | 070183       | 083183     | 099014B | 1             |                        |  | ď |
|   | 090183       | 093083     | 099014B | ,             |                        |  |   |
| _ | 020183       | 022883     | 099020B | 1             |                        |  |   |
|   | 070183       | 083183     | 0990208 | 1             |                        |  |   |
|   | 090183       | 093083     | 099020B | ) ,           |                        | 송하다 살림이 아름다 가게 하는 아이는 이 이야?  |   |
|   |              |            |         | -             |                        |  |   |

| ROM    | DATE   | MODULE#  | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT |                   |
|--------|--------|----------|---------------|------------------------|------|-------------------|
| 70180  | 063081 | 0990218  | 1             |                        |      |                   |
| 82482  | 102082 | 0990218  | 1             |                        |      |                   |
| 92475  | 092475 | 1802108) | 1             |                        |      |                   |
| 20183  | 022883 | 1940108  | 1             |                        |      |                   |
| 12980  | 020180 | 2255288  | 1             |                        |      |                   |
| 102780 | 102780 | 230051   | 1             |                        |      |                   |
| 101981 | 102281 | 2307028  | 1             |                        |      |                   |
| 031682 | 041582 | 230702B  | 2             |                        |      |                   |
| 110182 | 113082 | 230702B  | 1             |                        |      |                   |
| 051176 | 052176 | 23070387 | 4             |                        |      | 전성을 보냈다 하겠다 가는데요? |
| 092176 | 092476 | 230703B  | 2             |                        |      |                   |
| 101376 | 102276 | 230703B  | 2             |                        |      |                   |
| 120176 | 120376 | 230703B  | 1             |                        |      |                   |
| 121476 | 121676 | 230703B  | 2             |                        |      |                   |
| 011177 | 011277 | 230703B  | 1             |                        |      |                   |
| 020177 | 020477 | 230703B  | 1             |                        |      |                   |
| 030277 | 030477 | 230703B  | 1             |                        |      |                   |
| 033077 | 033177 | 230703B  | 1             |                        |      |                   |
| 042677 | 052777 | 230703B  | 2             |                        |      |                   |
| 060877 | 062377 | 230703B  | 1             |                        |      |                   |
| 080277 | 080577 | 230703B  | 1             |                        |      |                   |
| 083077 | 090277 | 230703B  | 2             |                        |      |                   |
| 092777 | 093077 | 230703B  | 2             |                        |      |                   |
| 101177 | 101477 | 230703B  | 1             |                        |      |                   |

|   | FROM   | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT | <br> |
|---|--------|------------|---------|---------------|------------------------|------|------|
|   | 102577 | 102877     | 230703B | 2             |                        |      |      |
| • | 110877 | 111177     | 230703B | 1             |                        |      |      |
|   | 120677 | 120977     | 230703B | 1             |                        |      |      |
|   | 121977 | 122277     | 230703B | 2             |                        |      |      |
|   | 010978 | 011278     | 230703B | 1             |                        |      |      |
| • | 021478 | 022478     | 230703B | 2             |                        |      |      |
|   | 031478 | 031778     | 230703B | 1             |                        |      |      |
| • | 032078 | 032278     | 230703B | 1             |                        |      |      |
|   | 040478 | 040778     | 230703B | 2             |                        |      |      |
|   | 051578 | 051978     | 230703B | 1             |                        |      |      |
|   | 061278 | 062378     | 230703B | 1             | 사람이 그리다                |      |      |
| • | 071178 | 071478     | 230703B | 2             |                        |      |      |
|   | 072578 | 072878     | 230703B | 1             |                        |      |      |
|   | 080778 | 081178     | 230703B | 1             |                        |      |      |
|   | 090578 | 090878     | 230703B | 2             |                        |      |      |
| • | 091978 | 092278     | 230703B | 2             |                        |      |      |
|   | 101678 | 102778     | 230703B | 1             |                        |      |      |
|   | 111478 | 111778     | 230703B | 2             |                        |      |      |
|   | 112878 | 120178     | 230703B | 1             |                        |      |      |
| • | 121178 | 121478     | 230703B | 1             |                        |      |      |
| - | 010979 | 011279     | 230703B | 1             |                        |      |      |
| ' | 012379 | 012679     | 230703B | 2             |                        |      |      |
|   | 022679 | 030979     | 230703B | 2             |                        |      |      |

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |  |
|--------|--------|---------|---------------|------------------------|--|--|
| 032079 | 032379 | 230703B | 2             |                        |  |  |
| 043079 | 050379 | 2307038 | 1             |                        | 19 개에 내가 있는 사용하게 하시네요?   |  |
| 052979 | 060179 | 230703B | 1             |                        | [발생님 ] [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [                         |  |
| 061979 | 062279 | 230703B | 1             |                        |  |  |
| 071079 | 071379 | 230703B | 1             |                        | [19] [18] [18] [19] [19] [19] [19] [19] [19] [19] [19              |  |
| 081579 | 082479 | 230703B | 1             |                        |  |  |
| 091779 | 092579 | 230703B | 1             |                        | 그는 경우 아이들이 아이를 가게 되었다. 그렇게 얼마나 나를 다 먹었다.                           |  |
| 092679 | 092879 | 230703B | 1             |                        | 이 그 그는 그렇게 되었다면 하는 것이 없는 그 때문에 되었다.                                |  |
| 092479 | 092579 | 230703B | 1             |                        |  |  |
| 103079 | 110279 | 230703B | 1             |                        |  |  |
| 112779 | 113079 | 230703B | 1             |                        |  |  |
| 012980 | 020180 | 230703B | 1             |                        | 하면 맛이 되었다면 가지 않는 그리고 되었다.  |  |
| 022580 | 022880 | 230703B | 2             |                        |  |  |
| 031180 | 031480 | 230703B | 1             |                        |  |  |
| 031880 | 032180 | 230703B | 2             |                        |  |  |
| 040780 | 041080 | 230703B | 1             |                        |  |  |
| 042180 | 042580 | 230703B | 4             |                        |  |  |
| 060280 | 060580 | 230703B | 2             |                        |  |  |
| 061080 | 061380 | 230703B | 1             |                        |  |  |
| 061880 | 062780 | 230703B | 1             |                        |  |  |
| 070780 | 071180 | 230703B | 1             |                        |  |  |
| 072280 | 072580 | 230703B | 1             |                        |  |  |
| 072880 | 073180 | 230703B | 1             |                        |  |  |
| 081180 | 081580 | 230703B | 2             |                        | [2] [1] [1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2 |  |

01/26/84

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT | <br> |
|--------------|------------|---------|---------------|------------------------|------|------|
| 081980       | 082280     | 230703B | 1             |                        |      |      |
| 090280       | 090580     | 230703B | 1             |                        |      |      |
| 091680       | 101080     | 230703B | 2             |                        |      |      |
| 092380       | 092680     | 230703B | 1             |                        |      |      |
| 102180       | 102480     | 230703B | 1             |                        |      |      |
| 111780       | 112080     | 230703B | 1             |                        |      |      |
| 120280       | 121080     | 230703B | 1             |                        |      |      |
| 121680       | 121980     | 230703B | 1             |                        |      |      |
| 011281       | 011581     | 230703B | 1             |                        |      |      |
| 020281       | 020581     | 230703B | 1             |                        |      |      |
| 022481       | 030681     | 230703B | 3             |                        |      |      |
| 032481       | 032781     | 230703B | 1             |                        |      |      |
| 040781       | 041681     | 230703B | 1 1           |                        |      |      |
| 041381       | 041681     | 230703B | 1 ,           |                        |      |      |
| 042781       | 050181     | 230703B | 1             |                        |      |      |
| 051881       | 052281     | 230703B | 1             |                        |      |      |
| 052881       | 052981     | 230703B | 1             |                        |      |      |
| 070681       | 071081     | 230703B | 2             |                        |      |      |
|              |            | 230703B | 1             |                        |      |      |
| 081081       | 081481     | 230703B | 1             |                        |      |      |
| 082581       | 082781     | 230703B | 1             |                        |      |      |
|              |            | 230703B | 1             |                        |      |      |
|              |            | 230703B | 2             |                        |      |      |

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |  |
|--------|--------|---------|---------------|------------------------|--|--|
| 120781 | 121181 | 230703B | 1             | -                      |  |  |
| 010482 | 010782 | 230703B | 1             |                        |  |  |
| 030182 | 030582 | 230703B | 2             | -                      |  |  |
| 051082 | 051382 | 230703B | 1 4           |                        |  |  |
| 040582 | 040882 | 230703B | 2             |                        |  |  |
| 071282 | 073082 | 230703B | 1             |                        |  |  |
| 081682 | 082082 | 230703B | 2             |                        |  |  |
| 080982 | 081382 | 230703B | 1             | 4.                     |  |  |
| 082482 | 102082 | 230703B | 1 1           |                        |  |  |
| 092082 | 092482 | 230703B | 1             |                        |  |  |
| 121382 | 121682 | 230703B | 1             |                        |  |  |
| 011683 | 012883 | 230703B | 1             | -                      |  |  |
| 010383 | 020483 | 230703B | 1             |                        |  |  |
| 011783 | 012183 | 230703B | 1             | -                      |  |  |
| 020783 | 021183 | 230703B | 2             | -                      |  |  |
|        |        | 2307038 | 2             |                        | [기를 통해 다시 기계를 통해 보고 있다.] (1) 기계를 하고 있습니다.  |  |
|        |        | 230703B | 1 1           | -                      |  |  |
|        |        | 2307038 | 2             |                        |  |  |
|        |        | 230703B | 1 1           | -                      | 이 가게 하는 사람이 집에 집에 들어가 되지 않는 것이 없다.   |  |
|        |        | 230703B |               |                        |  |  |
|        |        | 235200B | 3             | -                      | 생기 이 사는 게임하게 되었다.  |  |
|        |        | 235200B | L.            |                        | 이 사람이 없는 것이 아니라 아니는 아니는 것이 없는데 없어요?  |  |
|        |        | 237051B |               | 5                      | FAILURE TO FOLLOW PROCEDURES AND PROVIDE SUFFICIE NT DESIGN DETAIL FOR ATTACHMENT OF ADDITIONAL LOADS TO SEISMIC SUPPORTS FOR HVAC: CRITERION V OF |  |

٠,

FROM

DATE

022883 031183 2370518

TO

DATE

MODULE# FIND- DEVIATION/ INGS SEVERITY

2

TEXT

10 CFR 50. APP B. REQUIRES THAT ACTIVITIES AFFECT ING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE W ITH APPROPRIATE INSTRUCTIONS, PROCEDURES, AND DRA WINGS, AND THAT THESE INSTRUCTIONS, PROCEDURES AN D DRAWINGS CONTAIN APPROPRIATE QUANTITATIVE ACCEP TANCE CRITERIA. EBASCO SERVICES, INC. (EBASCO) PR OCEDURE ASP-IV-58, ISSUE D, "ATTACHMENT TO SEISMI C SUPPORTS, " REQUIRES THE FOLLOWING: A. PARAGRAPH 6.3 - THE CONTRACTOR IS TO SUBMIT A FORM ASP-IV-58-1 AND HAVE IT APPROVED BY THE EBASCO CONSTRUCT ION ENGINEER PRIOR TO INSTALLATION OF ATTACHMENT. B. PARAGRAPH 6.4 - THE EBASCO CONSTRUCTION ENGIN EER IS TO MAINTAIN A LOG/FILE OF ALL ADDITIONAL L DADS INCLUDING REQUEST, SKETCHES, AND BACKUP CALC ULATIONS. GOOD ENGINEERING AND DESIGN PRACTICES W OULD REQUIRE THAT ADDITIONAL ATTACHMENTS TO A SUP PORT, BY DESIGN, WOULD BE PROPERLY DETAILED, NOTE D. OR REFERENCED ON THE LEAD DOCUMENT. CONTRARY T O THE ABOVE: A. HVAC SUPPORT F-807 HAD A 1-INCH FIRE PROTECTION LINE ATTACHED TO IT THAT WAS NOT SHOWN ON SUPPORT DETAIL SMH-908 AND THIS ADDITION AL 50-POUND LOAD WAS NOT SHOWN ON THE SEISMIC SUP PORT ALLOWABLE CHART, AND THERE WAS NO ASP-IV-58-1 FORM. B. HVAC SUPPORT F-821 HAD TWO 6-INCH CH ILLED WATER PIPES AND THE ASSOCIATED SUPPORT, AC-H-609, ATTACHED THAT WERE NOT SHOWN ON SUPPORT DE TAIL SMH-908. THE CALCULATION SHEET FOR F-821, DA TED NOV. 18, 1981, USED TO DETERMINE THE ALLOWABL E LOAD CAPACITY FOR ASP-IV-58, DID NOT INCLUDE TH ESE LOADS BECAUSE THEY WERE NOT SHOWN ON THE SUPP ORT DETAIL FOR F-821. C. HVAC SUPPORT F-800 HAD TWO 4-INCH CHILLED WATER PIPES AND TWO ASSOCIATED SUPPORTS, AC-H-608 AND AC-H-611, ATTACHED TO IT THAT WERE NOT SHOWN ON SUPPORT DETAIL SMH-986. TH E CALCULATION SHEET FOR F-800, DATED NOV 18, 1981 , USED TO DETERMINE THE ALLOWABLE LOAD CAPACITY F OR ASP-IV-58, DID NOT INCLUDE THESE LOADS BECAUSE THEY WERE NOT SHOWN ON THE SUPPORT DETAIL FOR F-

FAILURE TO PROVIDE APPROPRIATE CRITERIA FOR INSTALLATION CLEARANCE PROBLEMS: CRITERION V OF 10 CF R 50, APP B, REQUIRES THAT PROCEDURES, INSTRUCTIONS, AND DRAWINGS INCLUDE APPROPRIATE QUANTITATIVE OR QUALITATIVE ACCEPTANCE CRITERIA FOR DETERMINING THAT IMPORTANT ACTIVITIES HAVE BEEN SATISFACTORILY ACCOMPLISHED. LOUISIANA POWER AND LIGHT COMPANY QUALITY ASSURANCE MANUAL, SECT 5.2, REQUIRES

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|------------|---------|---------------|------------------------|---|
| 022883       | 031183     | 2370518 | 2             | 5                      | THAT INSTRUCTIONS, PROCEDURES AND DRAWINGS INCLUDE APPROPRIATE QUANTITATIVE AND QUALITATIVE ACCEPT ANCE CRITERIA TO VERIFY THAT SAFETY-RELATED ACTIVITIES HAVE BEEN SATISFACTORILY ACCOMPLISHED. CONTRARY TO THE ABOVE: LOUISIANA POWER AND LIGHT COMPANY AND CONTRACTOR INSPECTION PROCEDURES AND WALK DOWN PROCEDURES DO NOT CONTAIN ACCEPTANCE CRITERIA FOR PERSONNEL PERFORMING THESE TASKS TO DETERMINE IF THERE IS SUFFICIENT CLEARANCE BETWEEN PIPES, SUPPORTS, STRUCTURES, TUBING AND RACEWAY TO ALLOW FOR VIBRATION, THERMAL EXPANSION, SEISMIC EVENT, ETC. THESE INSTRUCTIONS DO NOT CONTAIN MINIMUM CLEARANCE CRITERIA, AND, IN SOME CASES, DO NOT EVEN HAVE A REQUIREMENT TO DOCUMENT SATISFACTORY/UNSATISFACTORY CLEARANCE/INTERFERENCE STATUS, OR A MECHANISM OR TRIGGER FOR INFORMING ENGINEERING FOR FURTHER EVALUATION. THE NRC INSPECTORS NOTICED NUMEROUS CASES OF PIPE-TO-PIPE, PIPE-TO-SUPPORT, PIPE-TO-RACEWAY WITH ZERO-CLEARANCE THROUGHOUT THE POWER BLOCK AREAS.  |
| 032883       | 033183     | 237055B | 1 :           |                        |   |
| 041883       | 042183     | 2370558 | / 2           | 5                      | FAILURE TO ESTABLISH ADEQUATE DOCUMENT CONTROL ME ASURES: 10 CFR 50, APP B, CRITERION VI REQUIRES THAT MEASURE BE ESTABLISHED TO CONTROL THE ISSUANC E OF DOCUMENTS. ANSI N45.2, PARA 7, "DOCUMENT CON TROL" REQUIRES THAT PROCEDURES BE ESTABLISHED FOR THE CONTROL OF DOCUMENTS AND CHANGES THERETO TO PRECLUDE THE POSSIBILITY OF USE OF CUTDATED OR IN APPROPRIATE DOCUMENTS. CONTRARY TO THE ABOVE, THE LICENSEE'S DOCUMENT CONTROL MEASURES DID NOT PRE VENT THE ISSUANCE OF "CERTIFIED AS-BUILT" PRINTS (CE REACTOR TRIP SWITCHGEAR CONTROL WIRING PRINTS 1564-3905 THRU 1564-3919 (R3)) THAT FAILED TO IN CLUDE FCR-IC-63. (50-382/8317-) FAILURE TO FOLLOW DOCUMENT CONTROL PROCEDURES: 10 CFR 50, APP B, CRITERION V, REQUIRES THAT ACTIVIT IES AFFECTING QULTY SHALL BE ACCMPLSHD IN ACCRDNC E WITH APPRVED PROCEDURES. A. EBASCO PROC ASP-III -2, "SITE DOCUMENT CONTROL" PARA 6.4.2.4 REQRS HO LDERS OF UNCONTRLED DOCUMNTS TO CLEARLY MARK EA D OCUMNT AS "VOID" OR "INFO ONLY" OR TO DESTRY THE DOCUMNT. CONTRARY TO THE ABVE, REV 6 (THAT HAD BE EN SUPERSEDED BY REV 7) OF PRNT 1564-G-868 WAS FOUND IN THE PRNT FILE OF STATION 10 CONSTR ENGINEE RNG-MECH, NOT PROPERLY MARKED "VOID" OR "INFO ONL |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|--------|---------|---------------|------------------------|--|
| 041883       | 042183 | 237055B | 2             | 5                      | Y." B. ASP-III-2, "SITE DOCUMNT CONTROL" PARA 6.4 2.1 REQRS THE VERIFCTN OF TRNSMTTED DOCUMNTS AGA INST THE TRANSMITTL DOCUMNTS FOR DOCUMNT CONTRL. CONTRY TO THE ABVE, THREE INSTR MANULS IN CUSTODY OF DOCUMNT CONTRL, KVS-16.2 FOR THE EMERGENCY DI ESEL GENERATORS WERE NOT UPDTD WITH DCN-E-1037 AS REQRD. THE DESGN CHANGE NOTICE, PG 1 INDICTD THA I THE CHANGE APPLIED TO A "PRINT" C. ASP-II-2, "S ITE DOCUMENT CONTRL" PARA 6.4.1 REQRS THAT HLDRS OF DOCUMNTS DISTRBTD BY DOCUMNT CONTRL ARE RESPNS BLE FOR PROPER RECPT, CONTRL, 2 PROTCTN OF THE DO CS. CONTRY TO THE ABVE: (1) EBASCO SPEC 2564.482 (R6) A CONTRLD DOC ASSGND TO THE CONSTR ENGR-MECH COULD NOT BE OBTND FRM THE FILES. (2) INSTR MANU AL KVS-16.2, "EMERGENCY DIESEL GENERATORS" WAS NO I IN CUSTDY OF THE EBASCO OFFICE ENGR AS INDICTD ON THE DOC CONTRL CARD. (50-382/8317-06) |
| 030277       | 030477 | 242051B | 1             | 1000                   |  |
| 102975       | 103175 | 2450518 | 1             |                        |  |
| 102975       | 103175 | 245053B | 1             |                        | ) 회교 회사 및 조금 등 (C. L. L. ) 전 (A. L.  |
| 102975       | 103175 | 2450558 | 1             |                        |  |
| 102975       | 103175 | 246051B | . 1           |                        |  |
| 120275       | 120575 | 246051B | 2             |                        |  |
| 102975       | 103175 | 246053B | 1             |                        |  |
| 120275       | 120575 | 246053B | 2             | -                      |  |
| 020376       | 020676 | 246053B | 1             |                        |  |
| 101376       | 102276 | 2460538 | 2             |                        |  |
| 033077       | 033177 | 2460538 | 1             |                        |  |
| 092777       | 093077 | 2460538 | 2             |                        |  |
| 102577       | 102877 | 246053B | 2             | 2                      | 10 CFR PART 50, APPENDIX B, CRITERION V REQUIRES T HAT ACTIVITIES AFFECTING QUALITY BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES BE ACCOMPLISHED IN ACCORDANCE WI  |

| FRO! | The state of the s | MODULE#   | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT .  |
|------|--|-----------|---------------|------------------------|---|
| 1025 | 7 102877   | 2460538   | 2             | 2                      | TH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. TH E J. A. JONES QA PROGRAM, AS IMPLEMENTED BY PROCED URE NO. POP-N-702, REVISION 3, OCTOBER 5, 1976, PA RAGRAPH 5.5, REQUIRES THAT QA PERSONNEL WHO VERIFY THAT WORK ACTIVITIES CONFORM TO QUALITY REQUIREME NTS BE CERTIFIED BY THE J. A. JONES CORPORATION QA TRAINING OFFICE AND/OR THE PROJECT QA MANAGER AS BEING QUALIFIED TO PERFORM THEIR ASSIGNED TASKS. PROCEDURE POP-N-702 ALSO REQUIRES THAT THE PROJECT QA MANAGER ASSURES THE INITIAL AND CONTINUED PROF ICIENCY OF QUALITY ASSURANCE PERSONNEL BY APPROPRI ATE EDUCATION, TRAINING, EXPERIENCE, TESTING, EVAL UATION AND REVIEW IN ACCORDANCE WITH THE REQUIREME NTS OF ANSI N45.2.6. CONTRARY TO THE ABOVE, ON OC TOBER 27, 1977, A J. A. JONES TRAINEE QUALITY CONT ROL INSPECTOR WAS OBSERVED TO BE PERFORMING FIELD INSPECTIONS IN BACKFILL AREA 4 AS PRESCRIBED BY J. A. JONES PROCEDURE NO. W-SITP-12, REVISION 6, OCT OBER 4, 1976, "BACKFILL AND COMPACTION INSPECTION. "A REVIEW OF QA RECORDS INDICATED THAT THE SAME TRAINEE HAD COMPLETED THE DAILY BACKFILL INSPECTIO N REPORT AND THE SITE BACKFILL RELEASE AND LOCATIO N LOG ON THE PREVIOUS TWO DAYS. HIS EXPERIENCE AN D LOG ON THE PREVIOUS TWO DAYS. HIS EXPERIENCE AN D LOG ON THE PREVIOUS TWO DAYS. HIS EXPERIENCE AN D LOG ON THESE ASSIGNED TASKS. |
| 1206 | 77 120977  | 246053B   | 1             |                        |   |
| 1029 | 75 103175  | 246055B   | He 1          |                        | 그 이 사람들이 많은 그는 사람들이 가장 하는 것이 없는 것이 없는 것이 없는 것이 없는데 없는데 없어요?   |
| 1202 | 75 120575  | 246055B   | 2             |                        | 선생님 아무지 않아 이 아무리는 이 이 가게 하는 것은 이 사람들이 되었다.  |
| 0107 | 76 010976  | 246055B   | 2             |                        | [H. H. H   |
| 0203 | 76 020676  | 246055B   | 1             |                        | 있는 하는 마니다 등 등은 하다면 하는 것이다. 도로를 받고 있습니다. 전투 등을 하는 것이다. 이번 경기 다른 기계를 받는다. 다른 기계를 받는다. 이번 경기 등을 받는다. 다른 기계를 받는다.<br>   |
| 0210 | 76 031276  | 5 246055B | 2             |                        |   |
| 0810 | 76 08127   | 5 246055B | 1             |                        |   |
| 1013 | 76 10227   | 5 246055B | 2             |                        |   |
| 0302 | 77 03047   | 7 246055B | 1             |                        | 200 전에 2011 (1915년 1일) 이 10일 (1915년 1915년 1915년 1916년 1<br>1917년 1월 1일 (1917년 1917년 1   |
| 0330 | 77 03317   | 7 246055B | 1             |                        |   |
|      |  |           |               |                        |   |

|   | FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|---|--------------|------------|---------|---------------|------------------------|---|
|   | 102577       | 102877     | 246055B | 2             |                        | 마이들은 이 없이 보았다. 그런데 이름은 사람들은 사람들이 되었다. 그리고 있는 것 같아요? 그 없다.   |
|   | 120677       | 120977     | 246055B | . 1           |                        |   |
|   | 021076       | 031276     | 247051B | 2             |                        | 생활 하면 가게 되어 있다면 살아 보다 하는 것이 되는 것이 되는 것이 없다면 하는데 없다.   |
|   | 051176       | 052176     | 247054B | 4             |                        |   |
|   | 101376       | 102276     | 247054B | 2             |                        |   |
|   | 102577       | 102877     | 247054B | 2             |                        |   |
|   | 040478       | 040778     | 247054B | 2             |                        |   |
|   | 061278       | 062378     | 247054B | 1             |                        |   |
|   | 061979       | 062279     | 2470548 | 1             |                        | [[하다] 경기 [[하다] 12 [1]  |
|   | 071079       | 071379     | 247054B | . 1           |                        |   |
|   | 081579       | 082479     | 247054B | 1             |                        | 마음이 마음이 있다면 하면 하면 하면 하면 하면 하면 하면 되었다.   |
|   | 091779       | 092579     | 247054B | 1             |                        | 나는 가는 사람들은 얼마나 가는 얼마나 되었다. 그 그 그 얼마나 아내는 것이 되었다.  |
|   | 051176       | 052176     | 247056B | 4             |                        |   |
|   | 121476       | 121676     | 247056B | 2             |                        | : [1] - [1] |
|   | 033077       | 033177     | 247056B | 1             |                        | 전 (1945년 1일) BUH 프로그램 (1945년 1947년 19   |
|   | 102577       | 102877     | 2470568 | 2             |                        |   |
| L | 040478       | 040778     | 2470568 | 2             |                        | HONG HE CONTINUES IN LINE HONG HONG HONG HONG HONG HONG HONG HONG   |
|   | 061278       | 062378     | 247056B | 1             |                        |   |
| ı | 061979       | 062279     | 247056B | 1             |                        |   |
|   | 071079       | 071379     | 247056B | 1             |                        |   |
| L | 081579       | 082479     | 247056B | . 1           |                        | : 10 M. C. T. H. C.   |
|   | 091779       | 092579     | 247056B | 1             |                        |   |
|   | 020376       | 020676     | 248051B | 1             |                        | 맞았다. 그리는 사람들이 어떻게 하면 하는 것이 살아 하는 사람들이 가는 사람이 되었다.   |
|   | 021076       | 031276     | 248051B | 2             |                        | 선생님에 가는 그 사람들이 얼굴을 내려 가는 것이 되어 하는 것 같아. 나는 것이 없는 것이 없는 것이 없다.   |
|   |              |            |         |               |                        |   |

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|--------------|------------|---------|---------------|------------------------|---|
| 112779       | 113079     | 248051B | 1             |                        |   |
| 042180       | 042580     | 2480518 | 4             | D                      | USE OF QC INSPECTORS WHO DID NOT MEET ANSI N45.2.6  EXPERIENCE QUALIFICATIONS TABLE 17.2.1 OF THE LP  &L FSAR COMMITS TO REGULATORY GUIDE 1.58, "QUALIFICATION OF NUCLEAR POWER PLANT INSPECTION, EXAMINAT ION, AND TESTING PERSONNEL," AS GUIDANCE FOR QUALIFICATION REQUIREMENTS FOR QC PERSONNEL. THESE REQUIREMENTS INCLUDE WORK EXPERIENCE CRITERIA FOR CER TIFICATION TO EACH INSPECTION LEVEL. REGULATORY GUIDE 1.58 ENDORSED ANSI N45.2.6 WHICH ESTABLISHES WORK EXPERIENCE REQUIREMENTS OF FOUR YEARS FOR LEVEL II INSPECTOR AND ONE YEAR FOR LEVEL I INSPECTORS. CONTRARY TO THE ABOVE: 1. THE LICENSEE'S CONTRACTOR FOR INSTALLATION OF THE NUCLEAR STEAM SUPPLY SYSTEM UTILIZED INDIVIDUALS AS INSPECTORS WHO DID NOT POSSESS THE LEVEL OF EXPERIENCE DEFINED IN REGULATORY GUIDE 1.58 FOR THEIR CERTIFICATION LEVEL. A LEVEL II INSPECTOR ASSIGNED TO PERFORM BACK SHIFT INSPECTIONS FOR HISCO ONLY POSSESSED WORK EXPERIENCE OF ONE AND ONE-HALF YEARS AT TIME OF LEVEL II CERTIFICATION. 2. A NISCO QC "TECHNICIAN" WAS PERFORMING INSPECTIONS IN ACCORDANCE WITH INSPECTION PROCEDURES ES-67E, "GENERAL CLEANING AND HOUSEKEEPING," AND ES-148, "WELDER SURVEILLANCE." THE QC TECHNICIAN APPARENTLY HAD NO QUALIFYING WORK EXPERIENCE AT THE TIME OF PERFORMANCE OF INSPECTIONS NORMALLY PERFORMED BY LEVEL I AND LEVEL II INSPECTIONS NORMALLY PERFORMED BY LEVEL I AND LEVEL II INSPECTIONS NORMALLY PERFORMED BY LEVEL I AND LEVEL II INSPECTIONS NORMALLY PERFORMED BY LEVEL I AND LEVEL II INSPECTORS. |
| 042180       | 042580     | 2480518 | 4             | 2                      | FAILURE TO FOLLOW PROCEDURES FOR THE DOCUMENTATION OF THE QUALITY ASSURANCE PROGRAM CRITERION V OF PPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE PPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. THE "NISCO QA MANUAL — ASSURED FOR THE PROPRIATE THAT A VENIOR PERFORMANCE RECORD FILE BE MAINTAINED IN THE NISCO HOME OFFICE, WITH COPIES OF THE RECORDS IN THIS FILE FORWARDED TO THE FIELD QA/QC MANAGER. SECTION 15.2.2.3 REQUIRES THAT THE ENTIRE QA PROGRAM IS AUDITED ON AN ANNUAL CYCLE TO VERIFY ITS IMPLEMENTATION. CONTRARY TO THE ABOVE: ON APRIL 23, 198 O, DURING A REVIEW OF QUALITY RECORDS ASSOCIATED   |

TEXT

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042180 042580 248051B 4 2

ITH AUDITS, THE IE INSPECTOR DISCOVERED THAT COPIE S OF THE RECORDS IN THE VENDOR PERFORMANCE RECORD FILES WERE NOT AVAILABLE AT THE SITE AS REQUIRED B Y SECTION 4.4.3 FOR VENDOR AUDITS APPLICABLE TO TH E JOB SITE. IN ADDITION, A REVIEW OF AUDITS 3015-1 THROUGH 3015-17 DETERMINED THAT THE ENTIRE QUALI TY ASSURANCE PROGRAM HAD NOT BEEN REVIEWED DURING THE TWELVE MONTH PERIOD OF 1979 AS REQUIRED BY SEC TION 15.2.2.3. THE NISCO QA/QC PERSONNEL AGREED T HAT AN AUDIT OF THE ENTIRE PROGRAM COULD NOT BE DE MONSTRATED FOR 1979. FAILURE TO PERFORM REQUIRED INSPECTIONS AS PRESCRI BED IN CONTRACT INSPECTION PROCEDURES CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIE S AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TY PE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS , PROCEDURES, OR DRAWINGS. THE "NISCO QA MANUAL -ASME, SECTION III," SECTION 5.6.5 REQUIRES THAT P ERIODIC INSPECTIONS OF THE STORAGE AREAS BE CONDUC TED BY THE FIELD QA/QC MANAGER OR HIS DESIGNEE TO PRECLUDE DAMAGE TO SAFETY-RELATED MATERIALS OR COM PONENTS WHILE IN STORAGE. NISCO PROCEDURE ES-67-C E, "GENERAL CLEANING AND HOUSEKEEPING," REQUIRES A DAILY INSPECTION AND EXAMINATION OF THE STORAGE A REA FOR CONFORMANCE TO SPECIFICATION REQUIREMENTS. IN ADDITION, "CARE AND MAINTENANCE INSTRUCTION # 36" REQUIRES A MONTHLY INSPECTION OF THE GENERAL C ONDITION OF THE FLOW BAFFLE ASSEMBLY AND THE REACT OR VESSEL CLOSURE HEAD LIFTING RIG, TWO COMPONENTS CURRENTLY IN THE NISCO STORAGE AREA AT THE TIME O F THIS INSPECTION. CONTRARY TO THE ABOVE: ON APR IL 23, 1980, THE IE INSPECTOR DETERMINED, FROM A R EVIEW OF DAILY INSPECTION REPORTS AND FROM DISCUSS IONS WITH CONTRACTOR INSPECTION PERSONNEL, THAT TH E DAILY INSPECTIONS HAVE NOT BEEN PERFORMED AS REQ UIRED SINCE 1978. IN ADDITION, DURING OBSERVATION OF THE STORAGE CONDITIONS OF THE FLOW BAFFLE ASSE MBLY AND THE REACTOR VESSEL CLOSURE HEAD LIFTING R IG, IT WAS DETERMINED FROM THE LACK OF RECORDS AND FROM DISCUSSIONS WITH NISCO QA PERSONNEL THAT INS PECTIONS DEFINED BY "CARE AND MAINTENANCE INSTRUCT ION #36" HAD NOT BEEN PERFORMED ON A MONTHLY BASIS AS REQUIRED FOR THIS EQUIPMENT SINCE EQUIPMENT RE CEIPT BY NISCO IN FEBRUARY 1980 FAILURE TO FOLLOW CONTRACT PROCEDURES RELATIVE TO

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND- |   | TEXT  |
|--------------|------------|---------|-------|---|---|
| 042180       | 642580     | 248051B | •     | 2 | THE STORAGE OF SAFETY-RELATED EQUIPMENT CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. SECTION P.9 OF THE BASCO CONTRACT SPECIFICATION FOR NISCO, CONTRACT NO. W3-NY-18, REQUIRES THAT THE CONTRACTOR ABIDE BY THE GUIDELINE PROVISION OF ANSI N45.2.2, "PACKAGING, SHIPPING, RECEIVING, STORAGE, AND HANDLING OF ITEMS FOR NUCLEAR POWER PLANTS." SECTION 6.1.1 REQUIRES THAT DURING CONSTRUCTION THE POSSIBILITY OF DAMAGE TO MATERIALS OR COMPONENTS OR THE LOWERING OF QUALITY DUE TO CORROSION, CONTAMINATION, OR DETERIORATION BE MINIMIZED. SECTION 6.1.2 REQUIRES THAT ITEMS SUCH AS PIPING BE STORED ON CRIBBING OR EQUIVALENT TO ALLOW FOR AIR CIRCULATION AND TO AVOID TRAPPING WATER, AND THAT STORAGE AREAS BE MARKED AND DESIGNATED FOR STORAGE. SECTION 6.3.3 REQUIRES THAT ALL MATERIALS BE IDENTIFIED, WITH PROPER PROTECTION FROM MOVEMENT OF EQUIPMENT. CONTRARY TO THE ABOVE: ON APRIL 23, 1980, DURING A TOUR OF THE NISCO STORAGE AREA WAS NOT IDENTIFIED NOR ITS BOUNDARIES DEFINED AS A STORAGE AREA FOR SAFETY-RELATED COMPONENTS. 2. SURGE LINE RESTRAINTS (E8-E6-W1) WERE NOT PROPERLY STORE DON DUNNAGE; SOME OF THE DUNNAGE WAS STACKED ON TOP OF THE RESTRAINTS. 3. THE REACTOR VESSEL CLOSURE HEAD LIFTING RIG DID NOT HAVE IDENTIFICATION TAGS. 4. THE FLOW BAFFLE ASSEMBLY (NISCO RIR-211, P.O. 403402) WAS OUTSIDE OF ITS STORAGE CONTAINER WITHOUT PROPER PROTECTION FROM DAMAGE DUE TO MOVE MENT OF EQUIPMENT. |
| 081682       | 082082     | 248051B | 2     | - |   |
| 020376       | 020676     | 248053B | 1     | 1 |   |
| 021076       | 031276     | 248053B | 2     |   | [2017] [ [2021] [ 2022] [ 2021] [ 2022] [ 2022] [ 2022]   |
| 081076       | 081276     | 248053B | 1     |   |   |
| 030277       | 030477     | 248053B | - 1   |   |   |
| 042677       | 052777     | 248053B | 2     |   |   |

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |  |
|--------|--------|---------|---------------|------------------------|--|--|
| 083077 | 090277 | 2480538 | 2             |                        |  |  |
| 051578 | 051978 | 248053B | - 1           | -                      |  |  |
| 061278 | 062378 | 248053B | 1             |                        |  |  |
| 080778 | 081178 | 248053B | 1             |                        |  |  |
| 090578 | 090878 | 248053B | 2             |                        |  |  |
| 042180 | 042580 | 2480538 | 4             |                        |  |  |
| 020376 | 020676 | 248055B | 1             |                        |  |  |
| 021076 | 031276 | 248055B | 2             |                        |  |  |
| 051578 | 051978 | 2480558 | 1             |                        |  |  |
| 080778 | 081178 | 248055B | - 1           |                        |  |  |
| 090578 | 090878 | 248055B | 2             |                        | <u> </u>   |  |
| 042180 | 042580 | 248055B | 4             |                        |  |  |
| 121382 | 121682 | 248055B | 1             |                        | 생물이 많아 가는 것이 없는 사람들이 되었다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그  |  |
| 081682 | 082082 | 248061B | 2             | -                      |  |  |
| 060877 | 062377 | 248063B | 1             | -                      |  |  |
| 080277 | 080577 | 248063B | -1            | -                      |  |  |
| 120677 | 120977 | 248063B | 1             |                        |  |  |
| 021478 | 022478 | 248063B | 2             | -                      |  |  |
| 090578 | 090878 | 248063B | 2             | 2                      | PERFORMING WELD REPAIR OF BASE METAL WITHOUT A PRO CEDURE: CRITERION V OF APPENDIX B TO 10 CFR 50 RE QUIRES THAT ACTIVITIES AFFECTING QUALITY BE PRESCR IBED BY DOCUMENTED PROCEDURES AND ACCOMPLISHED IN ACCORDANCE WITH THESE PROCEDURES. CONTRARY TO THE ABOVE: ON SEPTEMBER 6, 1978, THREE WELDERS WERE OBSERVED PERFORMING WELD REPAIR OF BASE METAL FOR SAFETY RELATED SUPPORTS IN THE WALDINGER SITE HVAC FABRICATION SHOP. IT WAS DETERMINED BY THE IE IN SPECTOR THAT THESE ACTIVITIES WERE BEING PERFORMED |  |

041883 042183 248063B

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|--------|---------|---------------|------------------------|--|
| 090578       | 090878 | 248063B | 2             | 2                      | WITHOUT A PROCEDURE. THE WALDINGER SITE QA SUPER VISOR ISSUED A "STOP-WORK ORDER" FOLLOWING NOTIFIC ATION OF THE CONCERN. BEFORE THE END OF THE INSPECTION ON SEPTEMBER 8, 1978, WALDINGER AND THE ARCH ITECT ENGINEER APPROVED PROCEDURE FWP 2.2-6, WHICH CONTROLS THE WELD REPAIR OF BASE METAL. |
| 012379       | 012679 | 248063B | 2             |                        |  |
| 121382       | 121682 | 2480638 | 1             |                        |  |
|              |        |         |               |                        | THE TO PROUTE DESITED CAFETY DELATED DECORD  |

FAILURE TO PROVIDE REQUIRED SAFETY RELATED RECORD S IN ACCORDANCE WITH ESTABLISHED PROCEDURES: 10 CFR 50, APP B, CRITERION V STATES IN PART, "ACTIV ITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DO CUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, O F A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHA LL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTR UCTIONS, PROCEDURES, OR DRAWINGS." A. EBASCO SERV ICES, INC., (EBASCO) SPEC 860-75, "QA REQUEMNTS F OR SUPPLIERS OF SAFETY-RELATED EQUIP AND SERVICES " PARA 4.17, QA RECORDS, STATES IN PART, "SUFFICE ENT RECORDS SHALL BE PRPRD AS WORK IS PERFRMD TO FURNSH DOCMENTRY EVIDNCE OF THE QUALITY OF ITMS A ND OF ACTIVITIES AFFCING QUALITY .... THE RECRDS SH ALL INCLUDE THE RESLTS OF REVIEWS, INSPECTIONS, T ESTS, AUDITS, MONITRNG OF WRK PERFRMNCE ... REQUIR ED RECRDS SHALL BE IDENTIFIABLE AND RETRIEVABLE.. " AMERICAN BRIDGE PROCEDURE 23, REV B, OCT 4, 197 9, "QA DOCUMNTATH TURNOVER" PARA 6.4.1 STATES IN PRT, "IMPLMNTATH OF THIS PROCEDURE SHALL BE INITI ATED IN ADEQUTE TIME BEFR COMPLIN OF SITE ACTIVIT IES TO PRMIT EBASCO'S REVW & DETERMNTH OF ACCEPTA BILITY OF RECORDS ... " CONTRY TO THE ABVE, EBASCO FAILD TO PROVD COMPLT QA RCRDS FRM AMER BRIDGE. S PECIFICLY, EBASCO FAILD TO PROVD ADEQT QA DOCMNTA TN FOR THE ERECTH OF STRUCTRL STEEL FOR THE MISSL PROTECTN OVER THE EAST & WEST MAIN STEAM ISOLATN VLVS. (50-382/8317-) B. ANSI 2.9-1974 PARA 3.2 . 1 STATES THAT QULITY RECRDS SHL BE LEGBL, COMPLT LY FILLD OUT & ADEQTLY IDENTFBLE TO THE ITM INVLV ED. ASP-IV-19, "CARING & MAINING OF PERMNENT PLNT SYSTMS" REV L, FEB 17, 1983 PARA 6.4.3 STATES IN PRT THT RECRD CRDS SHL HVE AS A MAINTNCE ID NO. THE CMI NO. TO WHICH THE ITM DESCRIBD REFRS. FOR CM I'S WITH MORE THAN ONE ITM, AN ALPHAB SUFFX SHL B E ADDED WHN DEEMED NECESSRY BY THE EQUIP MAINTNCE

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|--------------|------------|---------|---------------|------------------------|--|
| 041883       | 042183     | 248063B | 2             | 5                      | SUPERV FOR EASE OF MAINTNCE DOCMNTN. CONTR TO THE ABVE, MAINTNCE & STORG RECRDS WERE NOT IDENTFBLE FOR THE CORE SHROUD ASSEMBLY, CORE SUPPRT BARRL & GUIDE TUBE ASSEMBLIES. (50-382/8317-)   |
| 081682       | 082082     | 248064B | 2             |                        |  |
| 121382       | 121682     | 248064B | 1             | 1.000                  |  |
| 120677       | 120977     | 248065B | 1             |                        |  |
| 021478       | 022478     | 248065B | 2             | 3                      | FAILURE TO MAINTAIN INSPECTION DOCUMENTATION FOR S TRUCTURAL STEEL: 10 CFR 50, APPENDIX B, CRITERION XVII REQUIRES THAT RECORDS BE MAINTAINED TO FURNI SH EVIDENCE OF ACTIVITIES AFFECTING QUALITY. THE AMERICAN BRIDGE DIVISION PROCEDURE NO. 10, PARAGRA PH 6.3.2, REQUIRES THAT INSPECTION PERSONNEL TEST 10% OF THE BOLTS IN EACH JOINT BUT NOT LESS THAN T WO BOLTS IN ANY ONE JOINT, AND THAT THE RESULTS OF THE INSPECTION SHALL BE RECORDED ON FORM FQAP 10-2. CONTRARY TO THE ABOVE: INSPECTION OF A SAMPLE OF TORQUE TESTING RECORDS OF STRUCTURAL STEEL JOI NTS REVEALED THAT RECORDS WERE INCOMPLETE FOR TWO JOINTS IN THE STRUCTURE IN THE COOLING TOWER AREA. THE AFFECTED JOINTS WERE AT ELEVATION - 16.5 FEE T AND +2 FEET, AND WERE COMPLETED ABOUT SEPTEMBER 14, 1977, AND AUGUST 5, 1977, RESPECTIVELY. AS A RESULT OF THIS INSPECTION FINDING, THE SPECIFIC JOINTS HAVE BEEN SUBSEQUENTLY TORQUE TESTED AND THE RESULTS PROPERLY RECORDED. |
| 090578       | 090878     | 2480658 | 2             |                        |  |
|              |            | 248065B | 2             |                        | 15일 15일 10일 10일 10일 10일 10일 10일 10일 10일 10일 10   |
| 121382       | 121682     | 248065B | 1             |                        |  |
| 081682       | 082082     | 248066B | 2             | 5                      | 10CFRPART50, APPB, CRITERION V, STATES IN PART: A CTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED B Y DOCUMENTED INSTRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND S HALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INS TRUCTIONS, PROCEDURES OR DRAWINGS. CONTRARY TO TH E ABOVE, AN UNSPECIFIED WELD HAD BEEN USED TO ATT ACH A PLATE TO A DIAGONAL HORIZONTAL ANGLE BRACE AT ELEVATION 53' LOCATION 9' 9" NORTH AND 6' 9" W EST AT COLUMN L-10 AZ INSTEAD OF ATTACHING THE PL  |

101177 101477 249061B

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|-----------|--------|---------|---|------------------------|---|--------------|
| 081682    | 082082 | 248066B | 2 | 5                      | ATE WITH BOLTING AS SPECIFIED BY EBASCO G-842D.   |              |
| 121382    | 121682 | 248066B | 1 |                        |   |              |
| 072578    | 072878 | 249051B | 1 |                        |   |              |
| 091978    | 092278 | 249051B | 2 |                        |   |              |
| 030182    | 030582 | 249051B | 2 |                        |   |              |
| 103079    | 110279 | 249053B | 1 |                        |   |              |
| 051082    | 051382 | 249055B | 4 |                        | 지어는 그 없는 그 경에는 그 이 작가 되어 가게 생겨왔다.   |              |
| 051082    | 051382 | 249056B | 4 |                        |   |              |
| 060877    | 062377 | 249061B | 1 |                        |   |              |
| 080277    | 080577 | 249061B | 1 |                        |   |              |
| 083077    | 090277 | 249061B | 2 |                        |   |              |
| 092777    | 093077 | 249061B | 2 | 2                      | FAILURE TO PROVIDE APPROPRIATE DOCUMENTED PROCEDUR E FOR CONTROL OF HANGER INSTALLATION ACTIVITIES:  10CFR PART 50, APPENDIX B, CRITERION V, REQUIRES T HAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIB ED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAW INGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES. CONTRACT W3-NY-11 FOR ERECTION OF PLANT PROCESS PI PING AND PERFORMANCE OF RELATED WORK IN "SPECIAL CONDITIONS" REQUIRES THAT PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER A DETAILED PIPE SUPPORT ERECTION PROCEDURE TO INCLUDE PROVISIONS FOR INSPECTION OF FITUP AND NONDESTRUCTIVE EXAMINATION OF WELDS. CONTRARY TO THE ABOVE, FORTY-SEVEN (47) CONTAINMENT SPRAY HANGERS WERE INSTALLED BY TOMPKINS-BECKWITH IN ACCORDANCE WITH PROCEDURE TBP-24, "HANGER INSTALLATION PROCEDURE," WHICH DID NOT CONTAIN PROVISIONS FOR INSPECTION OF FITUP AND NONDESTRUCTIVE EXAMINATION OF WELDS. PROCEDURE TBP-24 WAS SUPPLEMENTED FOR THE HANGER INSTALLATION WITH UNDOCUMENTED ORAL INSTALLATIONS PRESCRIBING THE REQUIRED INSPECTION ACTIVITIES. | 1 correction |

|   | FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|---|--------------|--------|---------|---------------|------------------------|--|
|   | 110877       | 111177 | 249063B | 1             | -                      | -  |
|   | 120677       | 120977 | 249063B | 1             | -                      |  |
|   | 121977       | 122277 | 249063B | 2             | 2                      | FAILURE TO PROVIDE APPROVED SKETCHES FOR INSTALLAT ION OF SAFETY RELATED PIPING. 10 CFR PART 50, AP PENDIX B, CRITERION VI REQUIRES THAT DOCUMENTS BE REVIEWED FOR ADEQUACY AND APPROVED FOR RELEASE BY AUTHORIZED PERSONNEL. THE LP&L QA MANUAL, REQUIRE MENT QR6.0, REQUIRES THAT MAJOR CONTRACTORS HAVE PROGRAMS THAT ASSURE CONTROLLED DOCUMENTS ARE REVIEWED FOR ADEQUACY AND APPROVED FOR RELEASE BY AUTHORIZED PERSONNEL. CONTRARY TO THE ABOVE, DRAVO SKETCH E-2083 IC-71 ISSUED TO TOMPKINS-BECKWITH BY EB ASCO DOCUMENT CONTROL FOR USE DURING INSTALLATION OF SAFETY RELATED PIPING WAS NOT SIGNED IN THE "AP PROVED" BLOCK BY DRAVO. |
|   | 010978       | 011278 | 2490638 | 1             | -                      | 이번에면 얼마나 하는데 사람이 가지를 먹는데 없다.   |
|   | 040478       | 040778 | 249063B | 2             | -                      |  |
|   | 061278       | 062378 | 249063B | -1            | -                      |  |
|   | 111478       | 111778 | 2490638 | 2             |                        |  |
|   | 030182       | 030582 | 249063B | 2             |                        |  |
|   | 040582       | 040882 | 249063B | 2             | -                      | 생물님 경우 아이는 아이를 가는 것 같아.  |
|   | 110877       | 111177 | 249065B | . 1           | -                      |  |
|   | 120677       | 120977 | 249065B | . 1           | -                      | [[[선생님 [[선생] [[선생]]] [[선생] [[선생] [[선생] [[선생]   |
|   | 121977       | 122277 | 249065B | 2             | -                      |  |
|   | 010978       | 011278 | 249065B | . 1           | -                      | 하는 하다는 얼마를 가게 되어 다시었다면서 그 것이다.   |
|   | 031478       | 031778 | 249065B | 1             |                        |  |
| _ | 040478       | 040778 | 249065B | 2             |                        |  |
|   | 061278       | 062378 | 249065B |               |                        |  |
|   | 080778       | 081178 | 249065B | 1             |                        |  |
|   | 030182       | 030582 | 249065B | 2             | -                      |  |

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|--------------|------------|---------|---------------|------------------------|---|--|
| 040582       | 040882     | 249065B | 2             | -                      |   |  |
| 081076       | 081276     | 250051B | -1            | -                      |   |  |
| 111478       | 111778     | 250051B | 2             | -                      |   |  |
| 112878       | 120178     | 250051B | 1             | -                      |   |  |
| 121178       | 121478     | 250051B | . 1           |                        |   |  |
| 010979       | 011279     | 250051B | 1             | -                      |   |  |
| 081076       | 081276     | 250053B | . 1           | -                      |   |  |
| 092176       | 092476     | 250053B | 2             |                        |   |  |
| 111478       | 111778     | 250053B | 2             |                        |   |  |
| 112878       | 120178     | 250053B | 1             | -                      |   |  |
| 121178       | 121478     | 250053B |               | -                      |   |  |
| 010979       | 011279     | 250053B | . 1           |                        |   |  |
| 030182       | 030582     | 2500538 | 2             | -                      |   |  |
| 010979       | 011279     | 2500558 | 1             |                        |   |  |
| 030182       | 030582     | 250063B | 2             | 4                      | FAILURE TO FOLLOW PROCEDURES FOR PROTECTION OF AN D ACCESS TO REACTOR VESSEL, REACTOR VESSEL HEAD, AND UPPER AND LOWER INTERNALS. FAILURE TO PROVIDE PROMPT AND APPROPRIATE CORRECT IVE ACTION TO NEGATIVE INSPECTION FINDINGS REGARD ING REACTOR VESSEL CLEANLINESS.   |  |
| 051082       | 051382     | 250063B | •             | 4                      | REPETITIVE FAILURE TO PROVIDE PROMPT AND APPROPRI ATE CORRECTIVE ACTION TO NEGATIVE INSPECTION FIND INGS REGARDING REACTOR VESSEL HEAD CLEANLINESS: C RITERION XVI OF 10CFR50, APP B STATES, "MEASUR ES SHALL BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY IDENTIFIED AND C ORRECTED." CONTRARY TO THE ABOVE, A REVIEW OF NIS CO INSPECTION REPTS SHOW FAILURE TO PROMPTLY CORR ECT CONDITIONS ADVERSE TO QUALITY. ALL HOUSEKEEPI NG REPTS BY NISCO QC FOR APR 1-29, 1982, SHOW UNA CCEPTABLE CLEANLINESS AND PROTECTIVE COVERING FOR |  |

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|   | 051082 | 051382     | 250063B | 4             | 4                      | THE REACTOR VESSEL HEAD. THESE REPTS (NISCO HOUS EXEEPING INSPECTION REPT FORM FS-68) SHOW REPEATE D REJECTED CLEANLINESS. THIS CONDITION IS THE SAM E AS REPORTED IN A VIOLATION ASSOCIATED WITH NRC INSPECTION REPT 82-05 CONDUCTED MAR 1-5, 1982. THESE CONDITIONS WERE NOT ACTED UPON AND THE SAME CONDITION APPEARED WHEN THE NRC INSPECTORS TOURED ON MAY 10, 1982. THIS IS A SEVERITY LEVEL IV VIOLATION. |
|   | 032883 | 033183     | 2500658 | 1             |                        | 날이 되면 [10] 이 이 경기 : 생물로 이 제품이다. [2]  |
|   | 010776 | 010976     | 250071B | 2             | -                      |  |
|   | 120176 | 120376     | 250071B | 1             | -                      |  |
|   | 020177 | 020477     | 250071B | 1             | -                      |  |
|   | 030277 | 030477     | 2500718 | 1             |                        |  |
|   | 042677 | 052777     | 250071B | 2             |                        |  |
|   | 060877 | 062377     | 250071B | . 1           |                        | [전기 : [1] 전 전 : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1] : [1]  |
|   | 080277 | 080577     | 250071B | -1            |                        | 4. 원이 나가 없었다고 있어 가 되었습니다.  |
|   | 101177 | 101477     | 250071B | 1             |                        | 경기 유명하면 불인 경기 선생님이 되는 것이 없었다.  |
|   | 102577 | 102877     | 250071B | 2             | -                      |  |
|   | 121178 | 121478     | 250071B | 1             |                        | 나는 내가 가는 맛이 되었다면 하나를 하는데 없었다.  |
|   | 012980 | 020180     | 250071B | - 1           | -                      |  |
|   | 051082 | 051382     | 250071B | 4             | -                      | 레티네이를 가게 없었다. 하지만 반으로 내 전에 되었다.  |
|   | 010776 | 010976     | 250073B | 2             | -                      | 이 조심 왕이 아 아무리지 않는 아니다.   |
|   | 081076 | 081276     | 250073B | 1             | -                      | 이번 하는 것 같은 것 같아. 아이들은 아이는 것 같아.  |
| _ | 092176 | 092476     | 250073B | 2             | -                      | 이 그렇게 하네요요 그러워 보는 안내가요?  |
|   | 121977 | 122277     | 250073B | 2             | -                      | 어느 이번 이 집에 하는 이상 어떤 것이 아무슨 때에 다.   |
|   | 010978 | 011278     | 250073B | 1             | -                      | [19] [10] 하나 아니는 사람들은 바람이 되었다.   |
|   | 091978 | 092278     | 2500738 | 2             | -                      |  |
|   |        |            |         |               |                        |  |

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| 121178       | 121478     | 250073B | 1             |                        |  |  |
| 012980       | 020180     | 250073B | 1 .           | -                      |  |  |
| 0 1083       | 012883     | 250073B | 1             | 7                      |  |  |
| 032079       | 032379     | 250074B | 2             | 2                      | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATED TO CARE AND MAINTENANCE OF SAFETY RELATED COMPONENTS: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES, AND DRAWINGS. EBASCO PROCEDURE CMI #1, "CARE AND MAINTENANCE INSTRUCTIONS FOR THE CVCS CHARGING PUMPS" PER PARAGRAPH D.1 REQUIRES THAT THE CHARGING PUMPS BE PROVIDED WITH ADEQUATE PROTECT ION FROM DAMAGE OR DETERIORATION AS A RESULT OF CONDITIONS OR ACTIVITIES IN THE VICINITY, AFTER BEING MOVED TO IN-PLACE STORAGE. CONTRARY TO THE ABOVE: ON MARCH 21, 1979, IT WAS NOTED THAT, ALTHOUGH (1) SCAFFOLDING WAS ERECTED IN THE AREA OF THE TH REE INSTALLED CHARGING PUMPS, (2) SOME SCAFFOLDING STRUCTURE WAS PLACED ON PUMPS AND PUMP FOUNDATION S, AND (3) THE AREA WAS CLUTTERED WITH TRASH AND D EBRIS, NO PROTECTIVE MEASURES EXISTED TO PROTECT T HE PUMPS FROM DAMAGE OR DETERIORATION. |  |
| 011083       | 012883     | 250074B | 1             | -                      |  |  |
| 030277       | 030477     | 250075B | 1             |                        | 그렇게 되는 이 사람들은 것 같아 없는 것이 없는 것 같아 없다.   |  |
| 121977       | 122277     | 250075B | 2             | -                      | 그 사기 보다는 게 뭐 하지 않다. 하는데 나는 데 그렇다   |  |
| 010978       | 011278     | 250075B | 1             | -                      | 이 없는 사람들은 사람들이 되었다. 그는 사람들이 되었다.   |  |
| 121178       | 121478     | 250075B | 1             | 4                      |  |  |
| 012980       | 020180     | 250075B | 1             | -                      |  |  |
| 051082       | 051382     | 250075B | 4             | -                      | 18. 18. 2일 12. 2일 및 19. 19. 19. 19. 19. 19. 19. 19. 19. 19.  |  |
| 011083       | 012883     | 250075B | 1             | -                      | - 1988년 1988년<br>- 1988년 1988년 - 1   |  |
| 032079       | 032379     | 250076B | 2             | 2                      | FAILURE TO PERFORM REQUIRED SURVEILLANCES AS REQUIRED BY APPROVED PROCEDURES: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WIT  |  |

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| 0 | 32079        | 032379     | 250076B | 2             | 2                      | H PRESCRIBED INSTRUCTIONS, PROCEDURES, AND DRAWING S. PARAGRAPH 6.10.1 OF EBASCO PROCEDURE ASP-IV-3, "GENERAL HOUSEKEEPING" REQUIRES EBASCO QUALITY CO NTROL PERSONNEL TO PERFORM WEEKLY SURVEILLANCES OF THE WORK AREAS TO ASSURE THE ADEQUACY OF CLEANLIN ESS AND THE ADEQUACY OF HOUSEKEEPING PRACTICES IN THE WORK AREAS. THESE SURVEILLANCES ARE TO BE DOCUMENTED PER PARAGRAPH 6.10.1.5 OF THIS SAME PROCED URE. CONTRARY TO THE ABOVE: DISCUSSIONS ON MARCH 22, 1979, WITH LP&L AND EBASCO PERSONNEL CONFIRME D THAT THESE PERIODIC SURVEILLANCES, WITH RESPECT TO THE INSTALLED CVCS CHARGING PUMPS, WERE NOT BEING PERFORMED NOR DOCUMENTED AS REQUIRED BY THIS PROCEDURE.  |
| 0 | 11083        | 012883     | 250076B | 1             |                        |  |
| 0 | 32079        | 032379     | 2500908 | 2             |                        |  |
| • | 60280        | 060580     | 250090B | 2             | 2                      | FAILURE TO CONTROL USE OF CALIBRATED TOOL WITHIN N ECESSARY LIMITS: CRITERION XII OF APPENDIX B TO 1 O CFR 50 REQUIRES THAT TOOLS, GAUGES, INSTRUMENTS, AND OTHER MEASURING AND TESTING DEVICES USED IN A CTIVITIES AFFECTING QUALITY BE PROPERLY CONTROLLED, CALIBRATED, AND ADJUSTED AT SPECIFIED PERIODS TO MAINTAIN ACCURACY WITHIN NECESSARY LIMITS. TOMPKI NS-BECKWITH PROCEDURE NO. TBP-33, REV B, "PROCEDUR E FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS I CONCRETE," EXHIBIT I, "EXPANSI ON ANCHOR TEST AND INSPECTION DATA," REQUIRES THAT 1/2 INCH DIAMETER BOLTS BE TORQUED TO A VALUE BETW EEN 90 AND 100 FOOT-POUNDS (FT-LBS). CONTRARY TO T HE ABOVE: THE 1/2 INCH DIAMETER ANCHOR BOLTS ON PI PE RESTRAINT NO. CDRR-322 WERE TORQUED USING CONTR OLLED TOOL NO. 256 WHICH WAS NOT CALIBRATED FOR TH E RANGE OF TORQUE VALUES SPECIFIED IN PROCEDURE TB P-33. FAILURE TO FOLLOW PROCEDURES FOR CONTROL OF DESIGN MODIFICATIONS: CRITERION V OF APPENDIX B TO 10 C FR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY B E PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURE S, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUM STANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE W ITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. C RITERION III OF APPENDIX B TO 10 CFR 50 STATES IN PART THAT, "DESIGN CHANGES, INCLUDING FIELD CHANGE S, SHALL BE SUBJECT TO DESIGN CONTROL MEASURES COM |

FAILURE TO FOLLOW PROCEDURAL REQUIREMENTS FOR THE INSTALLATION OF SAFETY-RELATED PIPING: CRITERION V OF APPENDIX B TO 10CFR50 REQUIRES THAT ACTIVITIE

|              |        |         |               |                        |  |                        | -, |
|--------------|--------|---------|---------------|------------------------|--|------------------------|----|
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| 060280       | 060580 | 250090B | 2             | 2                      | MENSURATE WITH THOSE APPLIED TO THE ORIGINAL DESIGN AND BE APPROVED BY THE ORGANIZATION THAT PERFORED THE ORIGINAL DESIGN UNLESS THE APPLICANT DESIGN ATES ANOTHER RESPONSIBLE ORGANIZATION." TOMPKINS BECKWITH (T-B) PROCEDURE NO. ASP-IV-37, REV H, "ON NOT OF TAS-BUILT' INFORMATION FOR PIPING AND PIPE SUPPORT SYSTEMS," PARAGRAPH 1.2 STATES THAT THE PROCEDURE IS INTENDED FOR, "MAKING MINOR MODIFICATIONS IN THE FIELD WHICH DO NOT AFFECT THE INTENT OF THE DESIGN." PARAGRAPH 4.2 STATES, "MINOR MODIFICATIONS ARE LIMITED TO THOSE SPECIFIED IN PARAGRAPH 6.3." PARAGRAPH 6.3 DOES NOT INCLUDE PIPE SUPPRIAND RESTRAINT DESIGN MODIFICATIONS WHICH REQIRAL A NEW ENGINEERING STRESS ANALYSIS. CONTRARY TO TELEMONE. PIPE RESTRAINT NO. CDRR-322 WAS MODIFIED, THROUGH THE USE OF PROCEDURE ASP-IV-37, TO REPLIED TO THE USE OF PROCEDURE ASP-IV-37, TO REPLIED TO THE ORIGINAL DESIGN CONTROL MAS A MODIFICATION WAS A MODIFIC | MN-OPSA FAOEHDAACEHUGE |    |
| 081180       | 081580 | 250090B | 2             | 2                      | FAILURE TO FOLLOW PROCEDURAL REQUIREMENTS FOR THE TENSION TESTING OF INSTALLED EXPANSION ANCHORS: CRITERION V OF APPENDIX B TO 10CFR50 REQUIRES THA ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCOMPLISHED IN A CORDANCE WITH THESE PROCEDURES. TOMPKINS-BECKWITH PROC TBP-33, "PROCEDURE FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS 1 CONCRET REQUIRES, IN SECT 6.1.2(B), THAT ONE OUT OF EAC 100 CONSECUTIVELY INSTALLED ANCHORS BE TENSION T STED. CONTRARY TO THE ABOVE: ON AUG 12, 1980 THE INSPECTOR DISCOVERED, DURING A REVIEW OF THE EXANSION ANCHOR LOG (SHEETS 19 THRU 41) THAT THESE ENSION TESTS HAD NOT BEEN PERFORMED ON INSTALLED XPANSION ANCHORS AS REQUIRED BY THE ABOVE PROCEDUE; AND FURTHERMORE, THESE TENSION TESTS HAD NOT BEN PERFORMED AT ALL SINCE OCT 1979.  | T C EHEIPTER           |    |

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| 081180 | 081580 | 250090B | 2             | 2                      | S AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUM STANCES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE PROCEDURES. SECT 2.32 OF EBASCU INSTRUCTION PC-1, "INSTRUCTIONS FOR ERECTION OF PROCESS PIPING AND SUPPORTS" REQUIRES THAT FABRICATED PIPING IS TO BE HUNG IN SUPPORTS IN CORRECT POSITION BEFORE WELDING THE LINE TO ALLOW ROTATIONAL GIVE AND TAKE IN JOINT POSITIONING WHICH MAY BE NECESSARY TO MAKE ENDS MEET. CONTRARY TO THE ABOVE: ON AUG 14, 1980 THE IE INSPECTOR OBSERVED SEVEN FABRICATED SECTIONS OF SAFETY INJECTION PIPING IN PUMP RM BWICH WERE NOT PROPERLY HUNG IN THE SUPPORTS IN CORRECT POSITION BEFORE WELDING. WELDING OPERATIONS HAD CONTINUED TO THE EXTENT THAT THE FABRICATED PIPING COULD NOT BE INSTALLED IN ITS PROPER POSITION TO MAKE ENDS MEET.   |
| 040781 | 041681 | 250090B | 1             |                        |  |
| 082581 | 082781 | 250090B | 1             |                        | : ''   |
| 110281 | 110681 | 250090B | 2             |                        | 시간 이 경계에 가고 있는데 가게 했다면 없는데 하나 하나 없는데 없다.   |
| 040582 | 040882 | 250090B | 2             | 5                      | FAILURE TO FOLLOW PROCEDURES/INSTRUCTIONS FOR THE CONTROL OF TEMPORARY AND AS-BUILT PIPE SUPPORTS/ RESTRAINTS: CRITERION V OF 10 CFR 50, APP B REQUI RES THAT ACTIVITIES AFFECTING SAFETY BE PERFORMED IN ACCORDANCE WITH THE PRESCRIBED PROCEDURES OR INSTRUCTIONS. THE NRC INSPECTORS IDENTIFIED THE FOLLOWING CONDITIONS WHERE PROCEDURES INVOLVING SAFETY-RELATED ACTIVITIES WERE NOT FOLLOWED: A. CON DITION IDENT WORK AUTHORIZATION (CIWA) NO. 823607 DTD MAR 29, 1982, REQUIRED REMOVAL OF TEMPORARY HANGER SIRR-5001T, REV 0, FROM THE NORTH PUMP ROOM AND INSTALLATION OF SIRR-5001T, REV 2, IN THE SOUTH PUMP ROOM. THE CLOSED CIWA INDICATES WORK COMPLETED ON APR 2, 1982. CONTRARY TO THE ABVE, THE NRC INSPECTOR OBSERVED TEMPORARY HANGER SIRR-500 1T, REV 0, STILL IN PLACE IN THE NORTH PUMP ROOM ON APR 7, 1982. B. THE REQUIREMENT OF EBASCO PROC ASP-IV-89, ISSUE A, IS "TO ASSURE PIPE IS ADEQUA TELY SUPPORTED FOR HYDROSTATIC TESTING AND FLUSH." CONTRARY TO THE ABVE, THE NRC INSPECTOR OBSERVED D PIPE SPOOL 2803-IC-35 SUPPORTED BY A WOODDEN WED GE IN BLOCKOUT RATHER THAN BY REQUIRED HANGER SIR R-183, EVEN THOUGH THE SYSTEM WALKDOWN FOR FLUSH |

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| 040582       | 040882 | 250090B | 2             | 5                      | AND HYDRO WAS COMPLETE. PARA 6.5.6 OF ASP-IV-89, ISSUE A, STATES: "THE CONSTRUCTION ENG MECHANICALWILL INSPECT THE TEMP SUPPORT FOR CONFORMANCE TO THE TEMP DESIGN DRAWING. HE WILL SIGN AND DATE THE TEMP REQUEST FORM (ATT 7.2) INDICATING THE TEMP IS IN-PLACE PER THE DESIGN" CONTRARY TO THE ABVE, THE AS-BUILT CONDITION OF TEMP HANGER SIS R8707 (SYSTEM 60A) DEVIATES FROM DESIGN ALTHOUGH SIGNED AND DTD ATT 7.2 INDICATES COMPLIANCE.   |
| 081682       | 082082 | 250095B | 2             |                        | [18] [18] [18] [18] [18] [18] [18] [18]   |
| 112878       | 120178 | 251051B | 1             |                        | 이 가게 하는데 가장 하는데 아니는 그리고 안 돼져 있다면 없다.  |
| 012379       | 012679 | 251051B | 2             |                        | 맞은 맛이 이어 그 어떤 생각 가게 살다는 나는 이번 생각이 되었다.  |
| 022679       | 030979 | 251051B | 2             | البهدالنو              | [26] - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1   |
| 052979       | 060179 | 251051B | 1             |                        | 되는데, 이렇게 하고 있는데 이번 그는 당소님 이번 기계를 된다.  |
| 030182       | 030582 | 251051B | 2             |                        | 그렇다는 내용하다 그리 회사들은 이 사람이 되었다. 그렇게 되었다. 맛이  |
| 011083       | 012883 | 251051B | . 1           |                        | 나이어를 하는데 그는 그 그 그리즘이 보고 있었다. 이 사람들이 하나지   |
| 110877       | 111177 | 251053B | 1             |                        | 로 맞이 하다 하나 나는 말이 그는 그리고 바다 하게 되었다.  |
| 071178       | 071478 | 251053B | 2             | -                      |   |
| 022679       | 030979 | 251053B | 2             | 2                      | FAILURE TO FOLLOW APPROVED DRAWINGS - MOUNTING/INS TALLATION OF CLASS IE 4160 VOLT SWITCHGEAR: CRITE RION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT AC TIVITIES AFFEC'ING QUALITY SHALL BE ACCOMPLISHED I N ACCORDANCE WITH DOCUMENTED INSTRUCTIONS, PROCEDU RES, AND DRAWINGS. EBASCO DRAWING 344-501, REVISION 5; MANUFACTURER DRAWING (EBASCO NO.) 154 4015 R 3; DESIGN CHANGE NOTICE E-172; AND FIELD CHANGE REQUESTS E-390 AND E-449 REQUIRE THAT THE MOUNTING OF 4160 VOLT SWITCHGEAR 3AB3-S BE ACCOMPLISHED AS FOLLOWS: 1. USING A PLUG WELD AT EACH OF THE MANUFACTURER FURNISHED MOUNTING HOLES. 2. USING A 1/4 INCH LONG FILLET WELD BETWEEN THE MOUNTING ANGLE AND THE EMBEDDED MOUNTING PLATE AT EACH PLUG WELD. THE NET RESULT OF THIS MOUNTING SHOULD BE APPROXIMATELY TEN PLUG WELDS AND TEN FILLET WELDS AROUND THE PERIPHERY OF EACH SWITCHGEAR SECTION ATTACHING THE MANUFACTURER FURNISHED MOUNTING ANGLE TO THE CONCRETE EMBEDDED MOUNTING CHANNELS. CONTRARY TO |

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| 022   | 679 ( | 30979      | 251053B | 2             | 2                      | THE ABOVE: THE IE INSPECTOR, ON MARCH 8, 1979, OB SERVED THAT THE MOUNTING/INSTALLATION FOR THE SECT IONS OF 4160 VOLT SWITCHGEAR 3AB3-S HAD BEEN ACCOM PLISHED AS FOLLOWS: A. THERE WAS NO EVIDENCE OF A PLUG WELD AT EACH OF THE MANUFACTURER FURNISHED M OUNTING HOLES. 2. FOUR, 3 INCH FILLET WELDS (TWO AT THE FRONT AND TWO AT THE REAR) WERE UTILIZED. THE TWO FILLET WELDS AT THE FRONT OF EACH SECTION WERE ON THE LIGHTER GAUGE STEEL BOTTOM PAN OF THE SWITCHGEAR INSTEAD OF THE MOUNTING ANGLE. THIS MOUNTING/INSTALLATION WAS SIGNED OFF ON OCTOBER 12, 1978, AS ACCEPTABLE BY QC ON QUALITY CONTROL CHECK LIST FOR EQUIPMENT INSTALLATION FOR 4160 VOLT SWITCHGEAR 3AB3-S. | 1 corrected |
| 051   | 082 ( | 51382      | 251053B | 4             | 1.4                    |  |             |
| 011   | 083 ( | 12883      | 251053B | 1             | A decided              | 그 이 아무게 하게 나쁜데 그렇게 이렇게 뭐 되었다.  |             |
| 112   | 878   | 120178     | 251054B | 1             |                        | 요. 그리기 하다 이 아이는 요. 그리고 있다는 사람이 하나 있다고 있다는데 그렇다.  |             |
| 012   | 379 ( | 12679      | 251054B | 2             |                        | 경영화되었다는 이 사람들이 다양하는 아니라 다양하다면서 그렇다.  |             |
| 022   | 679 ( | 30979      | 251054B | 2             |                        | 병생하는 아니고 그 그렇게 되지 않는 사람이 깨워했다. 독일점   |             |
| 030   | 182 ( | 30582      | 251054B | 2             | 4                      | FAILURE TO FOLLOW PERIODIC MAINTENANCE INSTRUCTIONS FOR ELECTRICAL EQUIPMENT.  |             |
| 080   | 982 ( | 081382     | 251054B | 1             |                        |  |             |
| 011   | 083 ( | 12883      | 251054B | 1             |                        | 중에게 되면 화면이 되면 하는 것이 하는 것이 되었다.   |             |
| 020   | 783   | 021183     | 251054B | 2             |                        | 이 가게 되었다. 이 그리고 하고 있는데, 네 이 이 그 때 없을  했다.  |             |
| 110   | 877   | 111177     | 251055B | 1             |                        | 되게 됐는데 되었다. 하고 아이 아이를 하게 되는 것이 말라고싶다.  |             |
| 071   | 178   | 071478     | 251055B | 2             |                        | 생물이 나타에 가장하다 그 아이는 그 가는 그것이 없었다.   |             |
| 112   | 878   | 120178     | 251055B | 1             |                        | 그래 같아는 이 이번 역시 하면 집에 되었다. 이번 이번 시작하다.  |             |
| _ 022 | 481   | 030681     | 251055B | 3             |                        | [[일본] [[기 시 시 시 시 경기 [기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기 기  |             |
| 011   | 083   | 012883     | 251055B | 1             |                        | 됐게 되었어 하시아니다. 이번 그렇게 하고하여 되었다고 하느니다  |             |
| 020   | 783   | 021183     | 251055B | 2             |                        | 영화 이 사람들은 중요한 그는 경우를 받는다.  |             |
| 012   | 379   | 012679     | 251056B | 2             | 2                      | FAILURE TO FOLLOW APPROVED PROCEDURES DURING INITI   |             |
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| 012379       | 012679     | 251056B | 2             | 2                      | AL CHARGE OF SAFETY RELATED BATTERIES: CRITERION V OF APPENDIX B TO 10 CFR PART 50 REQUIRES THAT AC TIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED I N ACCORDANCE WITH DOCUMENTED INSTRUCTIONS AND PROCEDURES. EBASCO INSTRUCTION CMI-177, REVISION 5, FISCHBACH AND MOORE PROCEDURE CP-311, REVISION 0, A ND GOULD INDUSTRIAL BATTERIES INSTRUCTION BOOK, DO CKET NO. 5817-889-RO REQUIRE THE FOLLOWING IN REGARD TO SAFETY RELATED BATTERIES: 1. A MINIMUM OF SEVENTY HOURS INITIAL CHARGE. 2. THAT THE ELECTR OLYTE IS NOT TO BE REMOVED DURING THE INITIAL CHARGE. 3. THE BATTERIES ARE TO BE PLACED ON A FLOAT CHARGE AND INDIVIDUAL CELL VOLTAGES, SPECIFIC GRAVITIES (CORRECTED TO 77 DEG F), AMBIENT TEMPERATURE AND CELL TEMPERATURES BE RECORDED FOR ALL CELLS AND THE ELECTROLYTE LEVELS FOR 10% OF THE CELLS. 4. AN EQUALIZING CHARGE IS TO BE PERFORMED WHEN THE SPECIFIC GRAVITY OF A CELL FALLS BELOW 1.205 AND EVALUATION OF THE CONDITION IS TO BE DOCUMENTED. CONTRARY TO THE ABOVE: DURING THE INITIAL CHARGE OF 125 VDC CLASS IE BATTERIES 3A-S, 3B-S, AND 3AB-S FROM SEPTEMBER 20 TO SEPTEMBER 23, 1978, IT WAS DETERMINED THAT: 1. THE RECORDS FOR THE INITIAL CHARGE INDICATED THAT THE CHARGE DURATION WAS FOR TY-FOUR HOURS; HOWEVER, DISCUSSIONS WITH FISCHBACH AND MOORE INDICATED THAT ALL CHARGES LASTED SIXTY EIGHT HOURS, TWO HOURS LESS THAN THE MINIMUM SPECIFIC LYTE LEVELS IN NUMEROUS CELLS, THE IE INSPECTOR WAS TOLD BY THE LICENSEE REPRESENTATIVE THAT ELECTRO LYTE LEVELS IN NUMEROUS CELLS, THE IE INSPECTOR WAS TOLD BY THE LICENSEE REPRESENTATIVE THAT ELECTRO LYTE LEVELS IN NUMEROUS CELLS, THE IE INSPECTOR WAS TOLD BY THE LICENSEE REPRESENTATIVE THAT ELECTRO ELECTRO LYTE LEVELS IN NUMEROUS CELLS DURING THE INITIAL CHARGE. 3. ALL THREE BATTERIES WERE PLACED ON OPEN CIRCUIT FOR THE FINAL SET OF READING THE INITIAL CHARGE. 3. ALL THREE BATTERIES WERE PLACED ON OPEN CIRCUIT FOR THE FINAL SET OF READING THE INITIAL CHARGE. AS AND THE ENTITIAL CHARGES, AS CONFIRMED BY THE LICENSEE REPRESENTATIVE. 4. THE FINAL SPECIFIC GRAVITY LOGGER AND THE EVALUATION |

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|--------------|--------|-----------|---------------|------------------------|---|--|
| 052979       | 060179 | 251056B   | 1             |                        |   |  |
| 030182       | 030582 | 251056B   | 2             |                        |   |  |
| 011083       | 012883 | 251056B   | 1             |                        | 보는 제 기사 이번 강에는 사고가 없다.                  |  |
| 020783       | 021183 | 251056B   | 2             |                        | 등이 되어 있는 것이 없었다. 그녀를 함께                 |  |
| 030277       | 030477 | 251061B   | 1             |                        |   |  |
| 042677       | 052777 | 251061B   | 2             |                        | 아이지 그래 나는 아래에 가지를 받                     |  |
| 060877       | 062377 | 25 106 1B | . 1           |                        | 그 그는 그 이번 이 그녀에게 되었다.                   |  |
| 092777       | 093077 | 251061B   | 2             |                        | 그 경기에서 이 교육 무섭하면 경기를                    |  |
| 043079       | 050379 | 25 106 1B | 1             |                        | 나는 그리다 이 아이라면 이번 생겨들은                   |  |
| 052979       | 060179 | 251061B   | 1             |                        | 나와 보이 그리고 이 그 사람이를 무겁니다".               |  |
| 031180       | 031480 | 251061B   | 1             |                        | 시마시 이 그 전에 시작되었다.                       |  |
| 040780       | 041080 | 251061B   | 1             |                        | 그렇게 나는 그리면 하나를 위해를 하였다.                 |  |
| 092380       | 092680 | 251061B   | 1             |                        | [일일] - [11] - [11] - [4년(의 111) 11(11년) |  |
| 102180       | 102480 | 251061B   | . 1           |                        |   |  |
| 011783       | 012183 | 251061B   | 1             |                        | [                                       |  |
| 092777       | 093077 | 251063B   | 2             |                        | 경기에게 대답하는 다 점이 되는 것 하나?                 |  |
| 110877       | 111177 | 251063B   | 1             |                        | 대통하기 하는 아이를 하는 것 같다.                    |  |
| 121977       | 122277 | 251063B   | 2             |                        | 일이다. 역시 그 그는 기독일하였다. 연락                 |  |
| 010978       | 011278 | 251063B   | 1             |                        |   |  |
| 071178       | 071478 | 251063B   | 2             |                        |   |  |
| 043079       | 050379 | 251063B   | - 1           |                        |   |  |
| 052979       | 060179 | 251063B   | 1             |                        | H. 보이다 그러 그 그 그리는 것                     |  |
| 031180       | 031480 | 251063B   | 1             |                        |   |  |
| 040780       | 041080 | 251063B   | 1             |                        |   |  |

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| 072880       | 073180 | 251063B | 1             |                        |   |
| 102180       | 102480 | 251063B | 1             | 200                    |   |
| 111780       | 112080 | 251063B | 1             |                        | 는 보다는 이 사람들이 보면 바다 하는 것이 하는 사람들이 되었다면 하다.   |
| 041381       | 041681 | 251063B | - 1           |                        | 가는 그 것이 되는 사람이 가장 하는 것이 되는 것이 되었다면 하면 없다면 하는 것이 없다.   |
| 042781       | 050181 | 251063B | 1             | -                      | 그 집에 가는 그 그 전에 하는 그리는 그리는 그리는 사람들이 되었다.   |
| 051881       | 052281 | 251063B | 1             |                        | 그러 그리고 있는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그   |
| 091481       | 091781 | 251063B | - 1           | i de Li                | 그리는 그 교육 그 시간 가입니다. 그 그 그 그리고 그리는 그리고 그리고 있다면 되었다.  |
| 101981       | 102281 | 251063B | 1             |                        | 사이 보다 조기 교육이 하다 노력하게 되는 아이 먹지 않는데 많이 되게 했다.   |
| 092777       | 093077 | 251064B | 2             |                        | 그리 이 이번 어느 이 나는 것이 그렇게 하는 것이 되었다면 하다 하다 하다.   |
| 052979       | 060179 | 251064B | 1             |                        | 이 그림 그림에 되는 그리다면 되었다. 그리고 아버전에 밝혀내면 내용했다.   |
| 040780       | 041080 | 251064B | 1             |                        |   |
| 072880       | 073180 | 251064B | 1             |                        | 하는 생님은 그리는 사람들은 모든 그렇게 하는 사람들이 모르게 되었다.   |
| 102180       | 102480 | 251064B | 1             |                        | 이 강하게 하는 사람들이 아름이 하게 하는 것이 하는 것도 없어야 되었다면 했다.   |
| 111780       | 112080 | 251064B | 1             |                        | 그렇게 하나요요. 이렇게 하나요요요요요. 이렇게 하는데 아무리 나를 때 모습니다.   |
| 042781       | 050181 | 251064B | 1             |                        | 개 보다가 되는 사람들은 내가 되었다. 그렇게 하다 가게 되었다.  |
| 051881       | 052281 | 251064B | 1             |                        | [[주유리 (1] - 12] - 12 - 12 - 12 - 12 - 12 - 12 -   |
| 091481       | 091781 | 251064B | 1             |                        | 생기 뒤에 있는 사람들이 하는 것이 하는 사람이 되는 것이 되었다. 그렇게 되었다.  |
| 101981       | 102281 | 251064B | 1             |                        | HET   |
| 030277       | 030477 | 251065B | 1             |                        |   |
| 110877       | 111177 | 251065B | 1             |                        | 경우 이렇게 되는 것이 아이 병원들이 많아도 하는데 하는데 불어 먹었다.  |
| 121977       | 122277 | 251065B | 2             | 2                      | CONTRARY TO CRITERION V OF APPENDIX B TO 10 CFR 50 AND QA REQUIREMENT QR5.0, NO TEMPERATURE OF HUMID ITY ACCEPTANCE CRITERIA ARE PROVIDED FOR LEVEL A A ND LEVEL B WAREHOUSES. CONTRARY TO CRITERION V OF APPENDIX B TO 10 CFR 50 AND SECTION 6.4.1.1 OF PROCEDURE ASP-III-14, NO T |

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|---|--------------|------------|---------|---------------|------------------------|---|
|   | 121977       | 122277     | 251065B | 2             | 2                      | EMPERATURE OR HUMIDITY DATA WERE RECORDED AS REQUI RED DURING LEVEL A AND LEVEL B WAREHOUSE SURVEILLA NCE FOR A SIX MONTH PERIOD. |
|   | 010978       | 011278     | 251065B | 1             |                        |   |
|   | 071178       | 071478     | 251065B | 2             |                        |   |
|   | 043079       | 050379     | 251065B | 1             |                        | 이 사람들은 사람이 가는 사람들이 되는 사람들이 가는 사람들이 가는 사람들이 가장 하나 있다. 이 경기를  |
|   | 040780       | 041080     | 251065B | 1             | 145 A                  |   |
|   | 072880       | 073180     | 251065B | 1             |                        |   |
|   | 092380       | 092680     | 251065B | 1             |                        |   |
|   | 102180       | 102480     | 251065B | 1             |                        | 하는 사람들은 사람들이 얼마나 하는 사람들이 되었다. 그렇는 사람들은 사람들이 되었다면 하다 하다 하다.  |
|   | 111780       | 112080     | 251065B | 1             |                        |   |
|   | 042781       | 050181     | 251065B | 1             | 100.00                 | 이 생생님이 되는 사람들이 얼마나 나는 사람들이 하는 사람들이 되는 것이 하는 것이 없는 것이 없다.  |
|   | 051881       | 052281     | 251065B | 1             |                        |   |
|   | 091481       | 091781     | 251065B | 1             |                        | 50 기업은 150 M M M 가지 이 1 M M M M M N   |
|   | 101981       | 102281     | 251065B | 1             |                        |   |
|   | 121382       | 121682     | 251065B | 1             |                        | : [18] - [18] [18] - [18] [18] (18] (18] (18] (18] (18] (18] (18] (   |
|   | 030277       | 030477     | 251066B | 1             | 경기 개요 살 살              | 병에 보고 있었다. 그리고 있는 것이 얼마나 이 사고 있는 그리고 있는 생각적인 점점 하셨었다.   |
|   | 040780       | 041080     | 251066B | 1             |                        | N. 마르크리트 우리 (14. ) 이 네트 아들이 보고 하는 바이에 보면 하게 하고 다듬다면 다른 사람이 없다.  |
|   | 072880       | 073180     | 251066B | 1             |                        | 이 얼마나 그렇지? 요즘 아이는 아이는 아이는 아이는 아이는 그 나는 사람이 아니다 이 사람이 되었다.   |
|   | 092380       | 092680     | 251066B | 1             |                        | 생물하는 사람들이 되었다. 그런 사람들은 하는 이 교회에 있다면 어떻게 되었다. 이 사람들은 사람들이 되었다면 하다 되었다.   |
|   | 102180       | 102480     | 251066B | 1             |                        | 발표가 살아왔다면 하는 그는 일이 아이지도 못하는데 하는데 아니는 사람이 되었다면 하는데 되었다면 하다.  |
| _ | 111780       | 112080     | 251066B | 1             |                        | 전기(18) [18] [18] [18] [18] [18] [18] [18] [18]  |
|   | 121382       | 121682     | 251066B | 1             |                        | [전시] [12] [14] [14] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16  |
|   | 090280       | 090580     | 252051B | 1             |                        |   |
|   | 091680       | 101080     | 252051B | 2             |                        |   |
|   |              |            |         |               |                        |   |

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|--------------|--------|---------|---------------|------------------------|---|--|
| 121680       | 121980 | 252051B | 1             |                        |   |  |
| 022481       | 030681 | 252051B | 3             | To kind                | Hara Carlo Hara Carlo   |  |
| 080481       | 080781 | 252051B | 1             |                        | 이 그는 그리는 그 내가 되었는데 얼마 하나지 않아 되었다. 목적이 되어 되었다.   |  |
| 020783       | 021183 | 252051B | 2             |                        | 그리고 하는 그는 그는 그리고 하는 사람이 되었습니다. 그리고 하는 것이 없는 것이 없는 것이 없는 것이 없었다.   |  |
| 090280       | 090580 | 2520538 | 1             |                        |   |  |
| 091680       | 10:080 | 252053B | 2             | 2                      | FAILURE TO FOLLOW PROCEDURES RELATIVE TO THE INSTA LLATION OF SAFETY-RELATED TUBING ASSMBLIES: CRITER ION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACT IVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY D OCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND SHAL L BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUC TIONS, PROCEDURES, OR DRAWINGS. THE MERCURY COMPAN Y PROCEDURE SP-656, "FABRICATION OF LOCAL INSTRUME NT PIPING AND TUBING ASSEMBLIES," REVISION 3, DATE D NOVEMBER 15, 1978, PARAGRAPH 6.3.7 STATES, "PLUG ALL OPEN ENDED VALVES WITH PLASTIC CAPS OR EQUAL. "CONTRARY TO THE ABOVE: ON OCTOBER 9, 1980, DURIN G THE IE INSPECTOR'S TRACKING OF INSTRUMENT SENSOR TUBING RUNS, THE IE INSPECTOR OBSERVED SIX INSTAL LED 1/2 INCH NEEDLE VALVES THAT WERE OPEN AND UNPR OTECTED. TWO OF THESE VALVES WERE IDENTIFIED AS SA FETY-RELATED VALVES (ITEM 3 ON MERCURY COMPANY DRA WING 151-T-014-C, REV. 0) AT THE 46 FOOT ELEVATION IN THE REACTOR CONTAINMENT BUILDING. |  |
| 121680       | 121980 | 252053B | 1             |                        | 강 성생님이 보다가 되었다. 하면 보지 그렇게 하는 것이 되는 것 같아.  |  |
| 022481       | 030681 | 2520538 | 3             |                        | 지기를 내용하게 하기를 만든다면 되었으며, 그리고 그는 나는 가격 없었다.   |  |
| 080481       | 080781 | 252053B | 1             |                        |   |  |
| 020783       | 021183 | 252053B | 2             | -                      | 됐어? 그렇게 이 없었다. 이 나는 아이는 이 아이를 잃었다. 이 이 바다는 것으로 하셨다면요?   |  |
| 080481       | 080781 | 252054B | 1             |                        | 경기를 즐기는 다른 제공 중요요한 아들은 이번 사람들이 얼마나 되었다. 그리고 없는데   |  |
| 080481       | 080781 | 252055B | 1             |                        | [25] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1   |  |
| 080481       | 080781 | 252056B | 1             |                        | 나 계속하면 하는 사람들은 하는 그 이 그는 이 하는 사람들이 아니는 사람들이 되었다.  |  |
| 042677       | 052777 | 2520618 | 2             |                        | 학생님들은 마리 마시 이 없는 사람이 하고 하지 않는 수 없는 바라를 하는 어떻게 하다.   |  |
|              |        |         |               |                        |   |  |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |  |
|--------------|--------|---------|---------------|------------------------|---|--|
| 060877       | 062377 | 252061B | 1             |                        |   |  |
| 040780       | 041080 | 252061B | 1             |                        | 그리 마켓 : 그 이 시간 하나 맛있다면 하다는 어떤 어떻게 되었다.              |  |
| 092380       | 092680 | 252061B | 1             |                        | ' (   |  |
| 102180       | 102480 | 252061B | 1             |                        |   |  |
| 051881       | 052281 | 252061B | 1             |                        |   |  |
| 091481       | 091781 | 252061B | 1             |                        | 그리고 있다는 어린 그는 사이를 하고 있다면 가게 되었다.                    |  |
| 101981       | 102281 | 252061B | 1             |                        |   |  |
| 011783       | 012183 | 252061B | 1             |                        | 하다는 살림은 이 보면에 그리고 하면도 살림을 받아 있다.                    |  |
| 110877       | 111177 | 2520638 | 1             |                        | 그 모든 사람이 많은 사람이 많은 이번 방문 사람들은 회원이다.                 |  |
| 121977       | 122277 | 252063B | 2             |                        |   |  |
| 010978       | 011278 | 252063B | 1             |                        | 이 보다 있다고 하는 다른 보고의 그림을 되고 해야 하다고 하셨다.               |  |
| 040780       | 041080 | 252063B | 1             |                        | 그 나는 사람들은 사람들이 되었다.                                 |  |
| 102180       | 102480 | 252063B | 1             |                        | [12] [12] - [12] [12] [12] [12] [12] [12] [12] [12] |  |
| 041381       | 041681 | 252063B | 1             |                        | [[[[[[[] [[] [[] [[] [[] [[] [[] [] [] [            |  |
| 042781       | 050181 | 252063B | 1             |                        | [마스타스 (1955년 12 1924년 12 HONO) 1950년 12 HONO        |  |
| 051881       | 052281 | 252063E | 1             |                        | 어머니 생생이 하다는 것이 아니라 이 나쁜 그는 때 아내일 없었습니다.             |  |
| 091481       | 091781 | 252063B | 1             |                        | 그리카 그는 얼마 아이들의 작은 마하는 얼마를 하나 없었다.                   |  |
| 101981       | 102281 | 252063B | 1             |                        |   |  |
| 011783       | 012183 | 252063B | . 1           |                        |   |  |
| 062783       | 070183 | 252063B | 1             |                        | 스타를 가장하는 아무리 이 교육 이 기술에 다른 사람들이 되었다.                |  |
| 040780       | 041080 | 252064B | 1             |                        | 그는 이 경영하는 이번 내려가 하고 들어 나왔다. 그렇게 되었다.                |  |
| 102180       | 102480 | 252064B | 1             |                        |   |  |
| 042781       | 050181 | 252064B | 1             |                        | 어디어를 바쁘다 내가 하시기 때문에 가지 않아 있다.                       |  |

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| FROM   | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT |                                     |
|--------|------------|---------|---------------|------------------------|------|-------------------------------------|
| 051881 | 052281     | 252064B | 1             | -                      |      |                                     |
| 091481 | 091781     | 252064B | 1.            |                        |      | 성격하다 하루 살이지 않는데 그 사람들은 것 같아.        |
| 101981 | 102281     | 252064B | 1             |                        |      |                                     |
| 011783 | 012183     | 252064B | 1             |                        |      |                                     |
| 062783 | 070183     | 252064B | 1             |                        |      |                                     |
| 110877 | 111177     | 252065B | 1             |                        |      |                                     |
| 121977 | 122277     | 252065B | 2             |                        |      |                                     |
| 010978 | 011278     | 252065B | 1             |                        |      |                                     |
| 040780 | 041080     | 252065B | 1             |                        |      |                                     |
| 092380 | 092680     | 252065B | 1             |                        |      |                                     |
| 102180 | 102480     | 252065B | 1             |                        |      |                                     |
| 022481 | 030681     | 252065B | 3             |                        |      |                                     |
| 042781 | 050181     | 252065B | 1             |                        |      |                                     |
| 051881 | 052281     | 252065B | 1             |                        |      |                                     |
| 091481 | 091781     | 252065B | 1             |                        |      |                                     |
| 101981 | 102281     | 252065B | 1             |                        |      | 그런 지근 두 지수는 가요? 그런 내가 나는 나를 살아 하셨다. |
| 121382 | 121682     | 252065B | 1             |                        |      | 시 그 내는 이번 경험 가장이 되는 사람들이 없다.        |
| 062783 | 070183     | 252065B | - 1           |                        |      | 나가 본 등사가 어떻게 된 사람이 어려웠다는 사람이네.      |
| 040780 | 041080     | 252066B | 1             |                        |      |                                     |
| 092380 | 092680     | 252066B | 1             |                        |      |                                     |
| 102180 | 102480     | 252066B | 1             |                        |      | 물이 있는 일이 하지만 하는데 이 교육에 되었다.         |
| 121382 | 121682     | 252066B | 1             |                        |      |                                     |
| 062783 | 070183     | 252066B | 1             |                        |      |                                     |
| 020177 | 020477     | 253051B | 1             |                        |      |                                     |
|        |            |         |               |                        |      |                                     |

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|--------------|------------|---------|---------------|------------------------|---|--|
| 031880       | 032180     | 253051B | 2             |                        |   |  |
| 110281       | 110681     | 253051B | 2             |                        | 그리다 그 그리기 그리에 있는 경기 중에 없었다니다.   |  |
| 040478       | 040778     | 253053B | 2             |                        | 하나지 않는데 그 이번에 그리고 그렇게 하다 되었다.   |  |
| 022679       | 030979     | 253053B | 2             |                        | [HE BERTHAN TO THE PROPERTY OF THE PROPERTY O |  |
| 031880       | 032180     | 253053B | 2             | 2                      | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATED TO C ARE AND MAINTENANCE OF CONTAINMENT PENETRATION ASS EMBLIES: CRITERION V OF APPENDIX B TO 10 CFR 50 R EQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES AND DRAWINGS. EBASCO PROCEDURE CMI #141, "CARE AND MAINTENANCE INSTRUCTIONS FOR THE CONTAINMENT PENETRATION ASSEMBLIES," PER PARAGR APH D.2, REQUIRES THAT AFTER BEING MOVED TO IN-PLACE STORAGE, THE EQUIPMENT BE PROVIDED WITH ADEQUATE PROTECTION FROM DAMAGE AND DETERIORATION AS A RESULT OF CONDITIONS OR ACTIVITIES IN THE VICINITY. IN ADDITION, TPB-46, REV A, "CARE AND MAINTENANCE OF PERMANENT PLANT ITEMS," PER PARAGRAPH 6.3.1, IMPLEMENTS THE CMI PROCEDURE AND REQUIRES THAT SURVEILLANCES OF THE INSTALLED EQUIPMENT BE PERFORMED ON A MONTHLY BASIS. CONTRARY TO THE ABOVE: ON MAR 20, 1980 THE INSTALLED EQUIPMENT BE PERFORMED ON A MONTHLY BASIS. CONTRARY TO THE ABOVE: ON MAR 20, 1980 THE INSTALLED PENETRATION ASSEMBLIES WAS IN SEVERAL PLACES, INSTALLED DIRECTLY AGAINST THE AREA OF THE INSTALLED PENETRATION ASSEMBLIES WAS IN SEVERAL PLACES, INSTALLED DIRECTLY AGAINST THE ASSEMBLIES. 2. PROTECTIVE COVERS FOR THE OPENINGS OF THE ASSEMBLIES WERE REMOVED AND/OR WERE NOT INSTALLED. FEB 18, 1980 SURVEILLANCE REPORT 730 AND SURVEILLANCE REPORT 731 INDICATED THAT THE OPENINGS OF THE COMPONENTS WERE COVERED. 3. PIPING AND PIPING SUBASSEMBLIES WERE STORED INSIDE SOME OF THE PENE TRATIONS, AND INSOME CASES, WERE DIRECTLY SUPPORTED DE THE PENETRATION ASSEMBLY.   |  |
| 110281       | 110681     | 253053B | 2             | 5                      | FAILURE TO FOLLOW PROCEDURES FOR THE PROTECTION OF ELECTRICAL PENETRATION ASSEMBLIES: CRITERION V OF APP B TO 10 CFR 50, REQUIRES THAT ACTIVITIES AFFE CTING QUALITY BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES, AND THAT THEY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO CMI 28, REV 8, "CARE   |  |

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|--------------|------------|---------|---------------|------------------------|--|
| 110281       | 110681     | 253053B | 2             | 5                      | AND MAINTENANCE INSTRUCTIONS FOR ELECTRICAL PENETR ATION ASSEMBLIES" REQUIRES THAT, DURING IN-PLACE S TORAGE, PENETRATION ASSEMBLIES BE PROVIDED WITH AD EQUATE PROTECTION FROM DAMAGE AND DETERIORATION AS A RESULT OF CONDITIONS OR ACTIVITIES IN THE VICIN ITY. CONTRARY TO THE ABOVE, DURING A PLANT TOUR ON NOV 2, 1981, THE NRC INSPECTOR DISCOVERED PROTECT ECTIVE BARRIERS ABSENT FROM CLASS 1E ELECTRICAL PENETRATIONS 107SB AND 101SA. PENTRATIONS IN SUCH AN UNPROTECTED CONDITION ARE SUBJECT TO DAMAGE DUE TO ADJACENT CONSTRUCTION ACTIVITIES. |
| 040478       | 040778     | 253055B | 2             |                        |  |
| 022679       | 030979     | 253055B | 2             |                        |  |
| 032079       | 032379     | 253055B | 2             |                        | 이 없는 이 이 사람들이 하는 사람들이 모르는데 하다.   |
| 031880       | 032180     | 253055B | 2             |                        | 뭐하다 아내셨다겠다면 이번 이 뭐요. 나라면   |
| 110281       | 110681     | 253055B | 2             |                        | (1) : [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]  |
| 021076       | 031276     | 255051B | 2             |                        | 마일보다 이 크로 눈이 그 그는 그래요? 화의 없는 이 있다.   |
| 051176       | 052176     | 255051B | 4             |                        | 합니다.() 이 모고 시간하면 보고 있는 그렇게 하면 다양하다면 없는   |
| 020376       | 020676     | 255053B | 1             |                        | 보다 하다 하다 이 아무리 이 것이 나가 되었다면 하시네다.  |
| 021076       | 031276     | 255053B | 2             |                        | - 관심하다면 시간하다면 이 이 나는 아무리에게 되는 나라고 밝  |
| 051176       | 052176     | 255053B | 4             |                        | 없는 이 문제되었다. 이 사람들은 전환이 되는 것 같아 나는  |
| 081076       | 081276     | 255053B | 1             |                        | #####################################  |
| 042677       | 052777     | 255053B | 2             |                        | [18] [18] [18] [18] [18] [18] [18] [18]  |
| 060877       | 062377     | 255053B | 1             | - 1                    | [[[마다리아 시장 25일 [[하다 나 하라고 있습니다 ~ ]   |
| 083077       | 090277     | 255053B | 2             | 100                    |  |
| 080778       | 081178     | 255053B | 1             |                        | 경우경향이 되었다. 이 이렇게 되어 된 경우를 하는 데 나를  |
| 070681       | 071081     | 255053B | 2             | 5                      | FAILURE TO FOLLOW PROCEDURES CRITERION V OF APPEND IX B TO 10 CFR PART 50 REQUIRES THAT ACTIVITIES AF FECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTAN CES, AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH   |

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|--------------|------------|---------|---------------|------------------------|--|
| 070681       | 071081     | 2550538 | 2             | 5                      | THESE PROCEDURES. THE FOLLOWING TWO EXAMPLES OF FA ILURE TO FOLLOW PROCEDURES WERE NOTED: 1. SECTION 8.0 TO DIVISION 4 OF THE CHICAGO BRIDGE AND IRON (CB&I) NUCLEAR QUALITY ASSURANCE MANUAL FOR ASME SECTION III PRODUCTS, ISSUE NO. 6 REQUIRES THAT ALL UNUSED WELDING ELECTRODES SHALL BE RETURNED TO THE STORAGE OVENS OR DISCARDED (DESTROYED) AT THE END OF EACH SHIFT. CONTRARY TO THE ABOVE: ON JULY 6, 1981, THE NRC INSPECTORS OBSERVED SEVERAL UNUSED WELDING ELECTRODES IN A BUCKET AND ON THE FLOOR IN THE CB&I WORK AREA THAT HAD NOT BEEN RETURNED TO THE STORAGE OVENS, DESTROYED, OR REMOVED FROM THE WORK AREA AND DISCARDED AFTER THE END OF THE WORK SHIFT. 2. SECTION 14.0 TO DIVISION 4 OF THE CHICAGO BRIDGE AND IRON NUCLEAR QUALITY ASSURANCE MANUAL, ISSUE NO. 6 REQUIRES THAT ALL NONCONFORMITIES AWAITING RESOLUTION SHALL BE ENTERED ON THE NONCONFOR MANCE CONTROL LIST AND REPAIRS SHALL BE CONTROLLED AND DOCUMENTED ON A REPAIR CHECK LIST. CONTRARY TO THE ABOVE: ON JULY 7, 1981, THE NRC INSPECTORS DETERMINED THAT REINSTALLATION OF THE CONTROLLED AND IRON AS A NONCONFORMANCE/REPAIR WHICH WAS NOT ENTERED ON THE NONCONFORMANCE CONTROL LIST NOR CONTROLLED AND DOCUMENTED ON A REPAIR CHECK LIST. |
| 081081       | 031481     | 255053B | 1             |                        |  |
| 082581       | 082781     | 255053B | 1             |                        |  |
| 020376       | 020676     | 255055B | 1             |                        | . 12 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1   |
| 021076       | 031276     | 255055B | 2             |                        | 싫어하다면서 사람이 아이는 아들의 생각이 되었다.  |
| 081076       | 081276     | 255055B | 1             |                        | 경우 경우 이 경우 아이들은 아이는 그 아이는 그 아이들은   |
| 080778       | 081178     | 255055B | 1             |                        | 1964년 : N. H.  |
| 070780       | 071180     | 255055B | 1             |                        | [[[[[[[] [[] [[] [[] [] [] [] [] [] [] [   |
| 081081       | 081481     | 255055B | 1             |                        | 장이를 가득하는 마련되어 생각을 하고 내려가 있다니다.   |
| 082581       | 082781     | 255055B | 1             | 4                      | [12] [12] [12] [12] [12] [12] [12] [12]  |
| 042677       | 052777     | 255061B | 2             | -                      | 엄마리 살아가면 아이를 다른다고 말았습니다. 나 나와 네티를  |
| 083077       | 090277     | 255061B | 2             | -                      | 어느 내가 가지 않아 가게 되었다.  |
|              |            |         |               |                        |  |

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|--------------|--------|----------|---------------|------------------------|---|--|
| 101177       | 101477 | 255061B  | 1             |                        |   |  |
| 081081       | 081481 | 255061B  | 1             |                        |   |  |
| 040478       | 040778 | 255063B  | 2             | 2                      | FAILURE TO FULLY INSPECT STRUCTURAL WELD: 10 CFR 50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRA M FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY B E EXECUTED TO VERIFY CONFORMANCE WITH PROCEDURES. EBASCO SPECIFICATION LOU 1564.723, ADDENDUM 500-7 0, PARAGRAPHS 4.3 AND 5 REQUIRE THAT ALL WELDS BE VISUALLY INSPECTED IN ACCORDANCE WITH SECTION 6 OF AWS D1.1-1972. CONTRARY TO THE ABOVE: THE COMPLETED FIELD WELD OF THE WALL BRACKET AT ELEVATION + 21 FOR SEISMIC SUPPORT 4984 FOR THE NORTHWEST HOLD UP TANK WAS OBSERVED BY THE INSPECTOR ON APRIL 4, 1978, TO HAVE WELD SLAG ON A 14 INCH SECTION OF WE LD, PREVENTING VISUAL INSPECTION OF THAT PORTION O F THE WELD. THIS WELD HAD BEEN VISUALLY INSPECTED AND ACCEPTED AS DOCUMENTED ON FORM FQAP 6-9 DATED NOVEMBER 11, 1977. |  |
| 061278       | 062378 | 255063B  | 1             |                        |   |  |
| 040478       | 040778 | 255065B  | 2             |                        |   |  |
| 061278       | 062378 | 255065B  | 1             |                        | [[마음] : 1 122 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |  |
| 010482       | 010782 | 255065B  | 1             |                        | 뭐!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  |  |
| 010383       | 020483 | 255066B  | 1             |                        | 내용기를 제다 강하기 나라가 느꼈다면서, 나타지다 나무  |  |
| 120781       | 121181 | 255071B  | 1             |                        | [일:[[:[] [: [: [: [: [: [: [: [: [: [: [: [: [:   |  |
| 092082       | 092482 | 255071B  | 1             |                        |   |  |
| 120781       | 121181 | 255073B  | 1             | -                      | 5백 이 이번 아내는 전에 가장 사람이 되는 것들이 하고 하시아?  |  |
| 092082       | 092482 | 255074B  | 1             |                        |   |  |
| 120781       | 121181 | 255075B  | 1             |                        |   |  |
| 092082       | 092482 | 255076B  | 1             |                        | [45] 영화 전에 대한   |  |
| 010383       |        | 255076B  | 1             |                        | 행보이다 많이 살아가 되었습니다. 이 그리고 하는데 나를 다 되었다.  |  |
|              | 101477 | 25508 iB | 1             |                        |   |  |

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|---|--------|------------|---------|---------------|------------------------|--|--------------|
|   | 092082 | 092482     | 255081B | 1             |                        |  |              |
|   | 010978 | 011278     | 255083B | 1             |                        |  |              |
|   | 021478 | 022478     | 255083B | 2             | 2                      | FAILURE TO FOLLOW PROCEDURES FOR THE CONTROL OF SPECIAL PROCESSES: 10 CFR 50, APPENDIX B, CRITERION IX REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO ASSURE THAT SPECIAL PROCESSES INCLUDING WELDING A RE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE CRITERIA. TOMPKINS-BECKWITH PROCEDURE TBP-26, REVISION B, PARAGRAPH 6.1.1.E REQUIRES THAT COMPLETED WELDS TO BE FREE OF COARSE RIPPLES, IRREGULAR SURFACES AND DEEP RIDGES OR VALLEYS BETWEEN BEADS. COMPLETED FIELD WELD 4, Q-2SI-IC-71-F/E, ASSOCIATED WITH 24" SAFETY INJECTION LINE, WAS OBSERVED BY THE INSPECTOR ON FEBRUARY 23, 1978, TO CONTAIN COARSE RIPPLES, IRREGULAR SURFACES, AND DEEP RIDGES OR VALLEYS BETWEEN BEADS. THE WELDS DISCUSSED HAD BEEN ACCEPTED ON THE "CONTROLLED WELD JOINT RECORD." | 2 correction |
|   | 040478 | 040778     | 255083B | 2             | 2                      | FAILURE TO PROVIDE ADEQUATE PROCEDURES: 10 CFR 50, APPENDIX B, CRITERION V STATES IN PART, "ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUM ENTED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRC UMSTANCES." THE GENERAL WELDING REQUIREMENTS OF SECTION I, PARAGRAPH 2.06 OF EBASCO SPECTICATION 8 84-75 STATES IN PART, "LOW HYDROGEN ELECTRODE SHALL BE PLACED IN HOLDING OVENS AT A TEMPERATURE OF 2 00 DEGREES F, SHALL HAVE A MAXIMUM EXPOSURE LIMIT OF FOUR HOURS AND SHALL BE REBAKED PRIOR TO REISSU E." CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH PROCEDURE TBP-3, REV. 3 FOR WELD MATERIAL CONTROL DOE S NOT PRESCRIBE THE HOLDING OVEN MINIMUM TEMPERATURE, THE ELECTRODE EXPOSURE LIMITS, NOR THE DISPOSITION OF RETURNED ELECTRODE.                | 1. committee |
|   | 080778 | 081178     | 255083B | 1             |                        |  |              |
| - | 111478 | 111778     | 255083B | 2             | 2                      | FAILURE TO ESTABLISH SURVEILLANCE INSPECTION PROGRAM: 10 CFR PART 50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED TO VERIFY CONFORMANCE WITH DOCUMENTED PROCEDURES FOR ACCOMPLISHING SAFETY RELATED ACTIVITIES. TOMPKINS-BECKWITH QUALITY ASSURANCE MANUAL, PARAGRAPHS 11.4.1.1 AND 11.4.7.1 SPECIFY THAT A QUALITY CONTROL P  |              |

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|--------------|------------|---------|---------------|------------------------|---|
| 111478       | 111778     | 255083B | 2             | 2                      | ROGRAM WILL BE PERFORMED WHICH WILL INCLUDE RECOR DING OF THE QC SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS INCLUDING GAS FLOW, VOLTS, AMPS, ETC. CONTRARY TO THE ABOVE: TOMPKINS-BECKWITH (T-B), WHO ARE INVOLVED IN THE WELDING OF SAFETY RELATED PIPING, HAVE NOT ESTABLISHED A DOCUMENTED PROGRAM FOR PERFORMING SURVEILLANCE INSPECTION OF WELDER'S CONFORMANCE TO WELD PROCEDURE REQUIREMENTS. THIS FINDING WAS CONFIRMED DURING DISCUSSION WITH T-B QA PERSON NEL.   |
| 022580       | 022880     | 255083B | 2             | 2                      | FAILURE TO FOLLOW INSPECTION PROCEDURES: 10 CFR 5 0, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIE S AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMEN TED PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUM STANCES. PROCEDURE TBP-26, REVISION H, "VISUAL IN SPECTION PROCEDURE" PARAGRAPH 6.1.5 REQUIRES THAT FINAL WELDS THAT JOIN PIPING SUBASSEMBLIES OR COMP ONENTS OF EQUAL OUTSIDE DIAMETERS SHALL BE CROWNED AT THE CENTER AND SMOOTHLY TAPERED ON EACH SIDE O F THE SURFACE BEING WELDED. CONTRARY TO THE ABOVE ON FEBRUARY 27, 1980, COMPONENT COOLING SYSTEM PIPE WELD NO. FW-2, AS SHOWN ON ISOMETRIC #5 OF DR AWING 8469-2516-R, WAS FOUND TO HAVE BEEN REWORKED AFTER FINAL INSPECTION SUCH THAT A POTENTIAL STRE SS RISER REMAINED. A REVIEW OF INSTALLATION RECOR DS REVEALED THAT BOTH VISUAL AND LIQUID PENETRANT INSPECTION HAD BEEN PERFORMED AND THAT THE WELD HA D BEEN ACCEPTED. SURFACE CONDITION OF THE WELD WA S UNACCEPTABLE AS DEFINED BY PROCEDURE TBP-26. |
| 031880       | 032180     | 2550838 | 2             |                        |   |
| 010978       | 011278     | 255085B | 1             |                        | [[[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [   |
| 021478       | 022478     | 255085B | 2             | 2                      | FAILURE TO PROVIDE PROPERLY QUALIFIED PROCEDURES FOR THE CONTROL OF SPECIAL PROCESSES: 10 CFR 50, A PPENDIX B, CRITERION IX REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO ASSURE THAT SPECIAL PROCESSES INCLUDING WELDING ARE CONTROLLED AND ACCOMPLISHED USING QUALIFIED PROCEDURES IN ACCORDANCE WITH APPLICABLE CODES. THE LP&L MANUAL, REQUIREMENT NO. 9, PARAGRAPHS 9.1 AND 9.2 REQUIRES THAT SUPPLIERS PEFORM SPECIAL PROCESSES USING PROCEDURES QUALIFIED IN ACCORDANCE WITH SPECIFIED CODES, INCLUDING AS ME B&PV CODE, SECTION III. CONTRARY TO THE ABOVE:  |

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|--------------|--------|---------|---------------|------------------------|---|
| 021478       | 022478 | 255085B | 2             | 2                      | TOMPKINS-BECKWITH WELDING PROCEDURE SPECIFICATIO  N WP 1.6, FOR USE IN CONTROLLING WELDING CONDITION  S FOR CONTAINMENT PENETRATION ASSEMBLIES, WAS NOT  QUALIFIED IN ACCORDANCE WITH THE ASME B&PV CODE, S  ECTION III, PART NE, 1971 EDITION, INCLUDING WINTE  R 1973 ADDENDA, IN THAT THE CHARPY IMPACT TESTING  PERFORMED FOR PROCEDURE QUALIFICATION RECORD WP 1  .6C WAS AT A TEMPERATURE OF 50 DEGREES F RATHER T  HAN 20 DEGREES F AS SPECIFIED BY THE CODE.  |
| 089778       | 081178 | 255085B | 1             |                        |   |
| 031880       | 032180 | 255085B | 2             |                        |   |
| 070780       | 071180 | 255085B | 1             | -                      | [Hand Colored |
| 010383       | 020483 | 255085B | 1             | F1 - F                 |   |
| 070780       | 071180 | 255152B | 1             | 1 <del>-</del>         |   |
| 103079       | 110279 | 255155B | 1             |                        |   |
| 070780       | 071180 | 255155B | 1             |                        |   |
| 010383       | 020483 | 255155B | 1             | -                      | 이 그 이 그리고 있는 그 그는 그는 것이 하는 것이 없었다면 그 그는 그는 이번 그 역사가는 사람이 없다.  |
| 022679       | 030979 | 255171B | 2             |                        | [18] [18] [18] [18] [18] [18] [18] [18]   |
| 031180       | 031480 | 255171B | 1             | 40                     | [1988] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982] [1982  |
| 092082       | 092482 | 255171B | 1             |                        | 보이 그리는 얼마 하는 것이 그렇게 되어 보는 것이 나는 그리고 있다. 나는 그렇게 되었다.   |
| 103079       | 110279 | 255172B | 1             | 일이 누는다.                | [2] - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -   |
| 112779       | 113079 | 255172B | 1             |                        | 하는 살이 하다 그는 사람이 되는 사람이 가지 않는데 하는 사람들이 하는 사람이 없다면 하다면 했다.  |
| 061979       | 062279 | 255173B | 1             |                        | 보기나는 사람이 아이를 하는데 그렇게 하는데 나는 사람이 되었다. 그리고 아이를 바다가 돼 없었다.   |
| 071079       | 071379 | 255173B | 1             |                        | 왕이 되고 있다. 그 나이 이 아이 아이들에 살아 나는 아이들이 아니는 그 아이를 가져왔다. [6]   |
| 103079       | 110279 | 255173B | 1             |                        | 맛이 되었다. 그 그 그는 그 아이는 그리고 가장 그리고 있는 부모를 하고 있는 그리고 있다. 이번 그리고 있다.   |
| 012980       | 020180 | 255173B | 1             |                        |   |
| 031180       | 031480 | 255173B | 1             |                        | 기념 기업 이 이 사람이 전략하고 하다면 하는 것이 되는 사람들은 누었다면 이 이 사람들이 되는 다니다. 그렇게 다  |
| 092082       | 092482 | 255173B | 1             |                        | 물리 마음이 되는 어머니는 이번 이번 그렇게 하는 것이 하는 그를 하는데 하는데 되었다.   |

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|---|--------------|------------|---------|---------------|------------------------|--|--------------|------|
|   | 061979       | 062279     | 255175B | 1             |                        |  |              |      |
|   | 103079       | 110279     | 255175B | 1             |                        | 그리 보다 이 내 그는 그리를 하지 않는 얼룩이 있다.   |              |      |
|   | 072880       | 073180     | 255175B | 1             |                        |  |              |      |
|   | 042781       | 050181     | 255175B | 1             |                        | · · · · · · · · · · · · · · · · · · ·  |              |      |
|   | 010383       | 020483     | 255175B | 1             |                        |  |              |      |
|   | 103079       | 110279     | 255176B | 1             | -                      | 그리고 있는 사람이 되었습니다. 이 경기 그렇게 되었다.  |              |      |
|   | 012980       | 020180     | 255176B | 1             |                        | 하네 그는 그의 집에서의 그리다라는 그림에 작  |              |      |
|   | 031180       | 031480     | 255176B | 1             | L. H                   | 이 도시 그 시간이 도시되면 가는 그 이렇게 되었다면 했다. 밖  |              |      |
|   | 070681       | 071081     | 255176B | 2             | Sec. 303 4             | 그는 그 그 그리고 살아왔다. 그 그렇게 하는데 하다가   |              |      |
|   | 051082       | 051382     | 255176B | 4             | D                      | PARA 5.2.3 OF THE FSAR SPECIFIES THAT THE MATERIA L SPECS FOR THE 42-INCH DIAMETER REACTOR COOLANT PIPING IS SA-516, GRADE 70, AND THE WELD METAL IS SFA 5.1, E7018. IN DEVIATION FROM THE ABOVE, THE WELD METAL IN THE 42-INCH DIAMETER REACTOR COOLA NT PIPING, WELDS P10W1 AND P10W2, DOES NOT MEET S PEC REQUIREMENTS OF SFA 5.1, E7018, AND COMBUSTIO N ENGINEERING IN ANALYTICAL EVALUATION REPT CENC-1460 DERATED THE PIPING MATERIAL TO BE EQUIVALENT TO SPEC SA-516, GRADE 65. LOUISIANA POWER AND LIGHT COMPANY IS HEREBY REQUESTED TO SUBMIT TO THIS OFFICE, WITHIN 30 DAYS OF THE DATE OF THIS NOTICE OF DEVIATION, A WRITTEN STATEMENT OR EXPLANATION IN REPLY, INCLUDING: (1) THE CORRECTIVE STEPS WHICH HAVE BEEN TAKEN AND THE RESULTS ACHIEVED: (2) CORRECTIVE STEPS WHICH WILL BE TAKEN TO AVOID FURTHER DEVIATION FROM COMMITMENTS MADE TO THE COMMISSION, AND (3) THE DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED. CONSIDERATION MAY BE GIVEN TO EXTENDING YOUR RESPONSE TIME FOR GOOD CAUSE SHOWN. | 1 corrective | .d:v |
| _ | 092082       | 092482     | 255176B | 1             |                        | 실명하다 중에 가게 하다 나가 나가 하는 것이다.  |              |      |
|   | 071079       | 071379     | 255177B | 1             |                        | 기계 가지 않는 아이들의 가는 그는 것이 되었다.  |              |      |
|   | 103079       | 110279     | 255177B | 1             |                        | 불사하는 아이들을 다 가장 얼마나는 나타를 가게 다   |              |      |
|   | 012980       | 020180     | 255177B | 1             |                        | [14] [20] [15] [16] [16] [16] [16] [16] [16] [16] [16  |              |      |
|   |              |            |         |               |                        |  |              |      |

| 031<br>0920<br>0920 | M TO<br>E DATE | MODULE#   | INGS | DEVIATION/<br>SEVERITY | TEXT  |
|---------------------|----------------|-----------|------|------------------------|---|
| 0920                | 80 031480      | 255177B   | 1    |                        |   |
| 031                 | 82 092482      | 255177B   | 1    |                        | 사람들은 사람들은 사람들이 하는 사람이 되는 것이 살아가는 그 얼마나 되었다.   |
|                     | 82 092482      | 255178B   | 1    |                        |   |
| 002                 | 80 031480      | 255181B   | - 1  |                        |   |
| 0921                | 82 092482      | 255181B   | 1    |                        | 그 사람이 하는 이 사람이 하는 사람들이 되는 그래요? 그 무슨데 가장 맛있다면 살아보았다면 하는 것 같다.  |
| 112                 | 79 113079      | 255182B   | 1    | -                      | 사용 보통   |
| 031                 | 80 031480      | 255182B   | 1    | 1 -                    |   |
| 092                 | 82 092482      | 255182B   | 1    |                        | 그리아 얼마나 아내는 그 사람들이 얼마나 아내는 아들은 사람들이 아니는 아니다 아니다 아니다. 아무워  |
| 091                 | 79 092579      | 255183B   | 1    |                        | [Harden Berleich Ber        |
| 031                 | 80 031480      | 255183B   | - 1  |                        | 나는 그 사람들은 사람들은 사람들이 얼마나 되었다면 가장 사람들이 되었다.   |
| 092                 | 82 092482      | 255183B   | 1    | 10.0                   |   |
|                     | 79 092579      |           | 1    | 20.                    |   |
| 031                 | 180 031480     | 255185B   | 1    | 1 - E                  | 그리는 그 그리고 그리고 하는 이 사람이 되었다. 그 나는 그리고 아이를 하셨다면서 다른 생각이 되었다.  |
|                     | 880 073180     |           | 1    |                        | 그렇게 되는 그는 이번에 가장 그는 사람들이 되었다. 그 사람들이 아니라 살아 가장 없는 것은 것은   |
| 010                 | 383 020483     | 255185B   | 1    |                        | 선생님은 100mm (1997년 1997년 - 1997년 1997년 - 1997년 1997년 -         |
|                     | 180 031480     |           |      |                        |   |
| 011                 | 783 012183     | 255186B   | 1    |                        |   |
| 031                 | 180 031480     | 255187B   | 1    |                        |   |
| 092                 | 082 092482     | 2 255187B | 1    |                        | 는 사람들의 마이트 이번 보다는 사람들이 있다면 보고 <del>있</del> 다. 그 이번 전에 바라를 가게 잘 맞았다.   |
| 0 10                | 383 020483     | 255904B   | 1    |                        | . (1984년 - 1985년 - 1984년 - 1984년 1984년 - 1984년        |
| - 010               | 383 020483     | 3 257900B | 1    |                        | 일반 집에 가는 이 이 아이들이 되었다. 그리고 있는 그 그들은 그 그 그리고 있는 것이 없다고 있다. 그리고 있는 것이 없는 것이 없는 것이 없는 것이 없다고 있다. 그리고 있는 것이 없는 것이 없다고 있다. |
| 010                 | 383 02048      | 3 257901B | 1    |                        |   |
| 010                 | 383 02048      | 3 257902B | 1    |                        |   |

|   | FROM<br>DATE | TO<br>DATE | MODULE#      | FIND-<br>INGS | SEVERITY | TEXT |                                |
|---|--------------|------------|--------------|---------------|----------|------|--------------------------------|
|   | 010383       | 020483     | 257903B      | 1             | -        |      |                                |
|   | 010383       | 020483     | 257904B      | 1             |          |      |                                |
|   | 071282       | 073082     | 273051B      | 1             |          |      | 시장(하고 있는 가장이 많아 먹는 그리고 있는 것 같은 |
|   | 071282       | 073082     | 273052B      | 1             |          |      |                                |
|   | 071282       | 073082     | 273053B      | 1             |          |      |                                |
|   | 071282       | 073082     | 273055B      | 1             |          |      |                                |
|   | 022676       | 022776     | 280220B      | 1             |          |      |                                |
|   | 011177       | 011277     | 280220B      | 1             |          |      |                                |
|   | 032078       | 032278     | 280220B      | 1             |          |      |                                |
|   | 092679       | 092879     | 280220B      | 1             |          |      |                                |
|   | 083077       | 090277     | 292700B      | 2             |          |      |                                |
|   | 092777       | 093077     | 292700B      | 2             |          |      |                                |
|   | 102577       | 102877     | 292700B      | 2             |          |      |                                |
|   | 120677       | 120977     | 292700B      | 1             |          |      |                                |
|   | 021478       | 022478     | 292700B      | 2             |          |      |                                |
|   | 110281       | 110681     | 292700B      | 2             |          |      |                                |
|   | 010776       | 010976     | 292701B      | 2             |          |      |                                |
|   | 021076       | 031276     | 292701B      | 2             |          |      | 경기 : 김 영영 기업 등 경기 의원이 많아 다     |
|   | 032376       | 032676     | 292701B      | 1             |          |      |                                |
|   |              |            |              |               |          |      |                                |
|   | 051176       | 052176     | 292701B      | 4             |          |      |                                |
|   | 081076       | 081276     | 292701B      | 1             |          |      | 이 없는 것들이 그렇게 됐다고 하는 사람이 되었다.   |
|   |              |            | 292701B      | 2             |          |      |                                |
|   |              |            | 292701B      | 2             |          |      |                                |
| , |              |            | THE STATE OF |               |          |      |                                |

.

| FROM<br>DATE | TO<br>DATE | MODULE# |   | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|------------|---------|---|------------------------|---|
| 121476       | 121676     | 292701B | 2 | _                      |   |
| 020177       | 020477     |         | 1 |                        | 이 이 그렇게 되었다. 그리는 얼굴하다 되었다면 되었다면 보다는 그리네요.                     |
| 060877       | 062377     |         | 1 |                        |   |
| 080277       | 080577     |         | , |                        |   |
| 083077       | 090277     |         | 2 |                        |   |
| 092777       | 093077     |         | 2 |                        |   |
| 101177       | 101477     |         | 1 |                        | 그 얼마 그리는 이 그리고 하는데 그 모모이 아니라 모든 경기를 다 됐다면 하다 살아 없다.           |
| 102577       | 102877     |         | 2 |                        | 나는 사람들이 되었다면 하는 사람들이 되었다.                                     |
| 120677       | 120977     |         | 1 |                        | 그 마이트 그 이에 가는 이 그리스를 가지 않는 것은 바다를 하지만 없다면 하다니다.               |
| 121977       | 122277     | 292701B | 2 |                        | 나는 이번에 가는 그리는 이 사람이 되는 것이 얼마나 되었다면 하다 때 때문에                   |
| 010978       | 011278     | 292701B | 1 |                        | 에 가는 이 나가는 이를 사람이 나타지를 하는데 가지를 받았다.                           |
| 021478       | 022478     | 292701B | 2 |                        | 그 하는 그들이 많은 사람들은 사람들은 사람들에게 들어왔다. 목가를 모양하다 내려.                |
| 051578       | 051978     | 292701B | 1 |                        | 하는 사람들이 가는 사람들이 그렇게 되었다. 그런 사람들이 가는 것이 되고 했다.                 |
| 080778       | 081178     | 292701B | 1 |                        | 일 없다.   |
| 010979       | 011279     | 292701B | 1 |                        | 되어보고 있습니다 하나 이렇게 되는 어머니 아니다 나를 만나 있다.                         |
| 012379       | 012679     | 292701B | 2 |                        | 하다 맛이 되었는 그 이 그 그는 아이지 않는 하는 하는 것을 가입었다면 하나?                  |
| 081579       | 082479     | 292701B | 1 |                        | 경기에게 지난 아이를 보고 있는 사람들이 되는 사람들이 가장 하지만 되었다.                    |
| 103079       | 110279     | 292701B | 1 |                        | 없이 하나에 하는 것 같은 사람이 사라가 얼굴하다 가게 되었다면 하다 없다.                    |
| 012980       | 020180     | 292701B | 1 |                        | 이렇게 있는 살이 없었다. 그리지는 집 가는 이 없는 어디에게 하나 가지 않았다.                 |
| 022580       | 022880     | 292701B | 2 |                        | [[] 마리스타이 얼마나 얼마나는 있으니까? 아니는 어디를 다 나는 그리다는 것이다.               |
| 031180       | 031480     | 292701B | 1 |                        | 어느 가는 사람들은 아니는 사람들이 아니는 사람들이 되었다.                             |
| 060280       | 060580     | 292701B | 2 |                        | 19 20 1의 등도 하다면 보고 있는데 1의 |
| 070780       | 071180     | 292701B | 1 |                        | 장마 연락하게 다 가게 하는데 하는데 그는 아들이 들어서 그렇게 되니 않는데 하는데 그렇게 모든다.       |
|              |            |         |   |                        |   |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|------------|---------|---------------|------------------------|--|
| 1980         | 082280     | 292701B | 1             | -                      |  |
| 0280         | 090580     | 292701B | 1             |                        |  |
| 1680         | 101080     | 292701B | 2             |                        |  |
| 1850         | 020581     | 292701B | 1             |                        |  |
| 1381         | 041681     | 292701B | 1             |                        |  |
| 2781         | 050181     | 292701B | 1             |                        |  |
| 51881        | 052281     | 292701B | 1             |                        |  |
| 32581        | 082781     | 292701B | 1             |                        |  |
| 20781        | 121181     | 292701B | 1             |                        |  |
| 30182        | 030582     | 292701B | 2             |                        |  |
| 51082        | 051382     | 292701B | 4             |                        |  |
| 40582        | 040882     | 292701B | 2             |                        |  |
| 71282        | 073082     | 292701B | 1             |                        |  |
| 92082        | 092482     | 292701B | 1             |                        |  |
| 11783        | 012183     | 292701B | 1             |                        |  |
|              |            |         |               |                        |  |
| 20783        | 021183     | 292701B | 2             | 5                      | FAILURE TO MAINTAIN DOCUMENTATION FOR INSTALLATI |

FAILURE TO MAINTAIN DOCUMENTATION FOR INSTALLATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT: CRITER ION XVII OF 10CFR50, APP B, REQUIRES THAT SUFFICI ENT RECORDS BE MAINTAINED TO FURNISH EVIDENCE OF ACTIVITIES AND SHALL BE IDENTIFIABLE AND RETRIEVA BLE. A. CONTRARY TO THE ABOVE, EBASCO SERVICES, I NC., COULD NOT PRODUCE THE INSPECTION RECORDS FOR THE INSTALLATION OF THE MOTOR FOR CONTROL ROOM SUPPLY FAN 3BSB. THIS SAFETY-RELATED MOTOR WAS PROPERLY INSTALLED AND INSPECTION RECORDS FOR FAN 3BSB AND ASSOCIATED AIR HANDLING AH-12 WERE INADEQUATE. B. CONTRARY TO THE ABOVE, FISCHBACH & MOORE COULD NOT PRODUCE THE INSPECTION REPORTS FOR THE MOUNTING OF DIESEL GENERATOR CONTROL AND RELAY PANEL 3B-S. THIS PANEL WAS PROPERLY INSTALLED AND T

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------|--------|---------|---------------|------------------------|---|
| 020783 | 021183 | 292701B | 2             | 5                      | HE INSPECTION RECORDS FOR THE OTHER PANELS ASSOCI ATED WITH THE 3B DIESEL GENERATOR WERE INADEQUATE FAILURE TO FOLLOW PROCEDURES FOR UPDATING RED-LINE DRAWINGS FOR SAFETY-RELATED INSTRUMENTATION: CRITERION V OF 10CFR50, APP B, REQUIRES THAT ACTIVITIES AFFECTING SAFETY SHALL BE ACCOMPLISHED IN A CCORDANCE WITH INSTRUCTIONS, PROCEDURES AND DRAWINGS. MERCURY FROCEDURE SP 677, REV 5, "PROCEDURE FOR RED-LINING DRAWINGS," PARAGRAPH 6.1.5.1, REQUIRES THAT CHANGES REFLECTED IN THE RED-LINED DRAWING BE INCORPORATED IN A NEW REVISION WITHIN 90 DAYS OF THE FIRST RED-LINE AND SUBMITTED TO EBASCO SERVICES INC., FOR APPROVAL. CONTRARY TO THE ABOVE, DURING THE PERIOD OF FEB 8-10, 1983, THE NRC INSPECTOR IDENTIFIED THE FOLLOWING THREE MERCURY COMPANY DRAWINGS WITH RED-LINE DRAWINGS THAT HAD GONE CONSIDERABLY MORE THAN 90 DAYS WITHOUT A NEW REVISION INCORPORATING THE CHANGES. DRAWING NO. 853-T-005A, REV 3, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982. DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982. DRAWING NO. 853-T-008A, REV 2, RED-LINE DATE RL-1 THRU 7 DTD FEB 15, 1982, THRU MAR 22, 1982. |
| 041883 | 042183 | 292701B | 2             |                        |   |
| 120275 | 120575 | 292702B | 2             |                        | :   |
| 010776 | 010976 | 292702B | 2             |                        | 생기가 있다면 내는 사람들이 되었다.  |
| 020376 | 020676 | 292702B | 1             |                        | 사용에 함께 있었다. 나는 사람이 나는 사람이 그리고 있다면 가게 되었다.   |
| 021076 | 031276 | 292702B | 2             | 1 -                    |   |
| 032376 | 032676 | 292702B | 1             |                        | 나타내 내 가장이 그 아이를 살아 있다.  |
| 051176 | 052176 | 292702B | 4             |                        |   |
| 081076 | 081276 | 292702B | . 1           |                        |   |
| 092176 | 092476 | 292702B | 2             | -                      |   |
| 101376 | 102276 | 292702B | 2             |                        |   |
| 121476 | 121676 | 292702B | 2             | -                      |   |
|        |        |         |               |                        |   |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|------------|---------|---------------|------------------------|--|
| 020177       | 020477     | 292702B | 1             |                        | . H. : :   |
| 030277       | 030477     | 292702B | 1             |                        |  |
| 033077       | 033177     | 292702B | 1             | -                      |  |
| 042677       | . 052777   | 292702B | 2             |                        |  |
| 080277       | 080577     | 292702B | 1             | -                      |  |
| 110877       | 111177     | 292702B | 1             |                        |  |
| 010978       | 011278     | 292702B | 1             | -                      | [1] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4   |
| 040478       | 040778     | 292702B | 2             |                        | 생활하다 화달리기를 내려면 모르다 나가는 그 나라나다  |
| 051578       | 051978     | 292702B | 1             | -                      |  |
| 061278       | 062378     | 292702B | 1             |                        | 얼마 얼마 어느 아이는 아이는 아이는 아이는 나를 보다고 있다.  |
| 090578       | 090878     | 292702B | 2             | -                      | 어린 시민들은 내가 되고 있었다면 뭐 그 나는 것이 없다.   |
| 111478       | 111778     | 292702B | 2             |                        |  |
| 121178       | 121478     | 292702B | 1             |                        | k P ( ) [ 하는 이번 바람이 하루다는 하는 것이 되는 것이 되었다.  |
|              |            |         |               |                        |  |
| 012379       | 012679     | 292702B | 2             | 2                      | FAILURE TO FOLLOW PROCEDURE - SURVEILLANCE OF WELD ING PARAMETERS: CRITERION V OF APPENDIX B TO 10 C FR PART 50 REQUIRES THAT ACTIVITIES AFFECTING QUAL ITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH DOCUM ENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS. SEC TION 6.1.14 OF T-B PROCEDURE, "VISUAL INSPECTION" TBP-26, REVISION D, STATES IN PART, "SURVEILLANCE OF WELDING PARAMETERS, IE., AMPERAGE, VOLTAGE, GAS FLOW RATE, ETC., WILL BE PERFORMED DAILY ON A RAN DOM BASIS TO VERIFY CONFORMANCE WITH THE WELDING PROCEDURE BEING USED." CONTRARY TO THE ABOVE: THE WELDING PARAMETERS, PREHEAT AND INTERPASS TEMPERA TURES, WERE NOT INCLUDED IN THE SURVEILLANCE CONDUCTED ON SAFETY RELATED PIPE WELDING ACTIVITIES DUR ING THE PERIOD DECEMBER 21, 1978, THROUGH JANUARY 25, 1979, AS VERIFIED IN A DISCUSSION WITH THE COGNIZANT WELDING SURVEILLANCE INSPECTOR. |
| 043079       | 050379     | 292702B | 1             | -                      | 그런 그 그 경기에 나가 되었다면 하나 사람이 있는데 하는데.   |
|              |            |         |               | da                     |  |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY |         | TEXT                              |
|--------------|------------|---------|---------------|------------------------|---------|-----------------------------------|
| 052979       | 060179     | 292702B | 1             | -                      |         |                                   |
| 061979       | 062279     | 292702B | 1             |                        |         |                                   |
| 081579       | 082479     | 292702B | 1             | -                      |         |                                   |
| 081180       | 081580     | 292702B | 2             | -                      |         |                                   |
| 022481       | 030681     | 292702B | 3             | D                      | FAILURE | TO CONTINUE CORRECTIVE ACTION COM |

MMITMENT -WEEKLY SURVEILLANCE INSPECTION: DURING A PREVIOU S INSPECTION, IE INSPECTION REPORT NO. 50-382/80-0 6. DATED APRIL 4, 1980, THE NRC INSPECTOR IDENTIFI ED AN ITEM OF NONCOMPLIANCE WHEREIN THE LICENSEE'S SUBCONTRACTOR FAILED TO FOLLOW CONTRACT PROCEDURE S RELATIVE TO THE CARE AND MAINTENANCE INSTRUCTION S (CMI'S FOR THE CONTAINMENT PENETRATION ASSEMBLE ES. THE LICENSEE RESPONSED TO THE ABOVE VIOLATION IN A LETTER DATED MAY 9, 1980. PARAGRAPH 2 OF TH IS LETTER STATED, IN PART, "CORRECTIVE ACTION TAKE N TO PRECLUDE REPETITION," "QC WILL INCREASE SURVE ILLANCE INSPECTIONS TO ENSURE THAT CMI REQUIREMENT S ARE BEING COMPLIED WITH. INSPECTIONS WILL BE CO NDUCTED ON A WEEKLY BASIS AND THE RESULTS DOCUMENT ED." CONTRARY TO THE ABOVE: DURING THIS INSPECTI ON, THE NRC INSPECTOR OBSERVED THAT THE SUBCONTRAC TOR'S QC DEPARTMENT IMPLEMENTED WEEKLY SURVEILLANC E INSPECTIONS ON APRIL 4, 1980, THROUGH MAY 31, 19 80, AND DOCUMENTED THEM ON TOMPKINS-BECKWITH'S FOR M NO. GP-723-67, "IN-PLACE STORAGE SURVEILLANCE RE PORTS." HOWEVER, THERE ARE NO RECORDS TO INDICATE THAT QC SURVEILLANCE INSPECTIONS OF CONTAINMENT PE NETRATIONS WERE CONDUCTED FROM JUNE 1, 1980, TO TH E PRESENT (NEITHER ON A WEEKLY NOR MONTHLY BASIS). FAILURE TO VERIFY OR EVALUATE THE ACCEPTABILITY OF INSPECTION AND TESTS RESULTS: LP&L'S COMMITMENT TO THE NRC GREEN BOOK, WASH 1309, DATED MAY 10, 19 74, IS IDENTIFIED IN A LETTER (LPL-7109), LP&L TO NRC, DATED JUNE 23, 1977, AND IN THE LP&L QA MANUA L, SECTION 2.0, TABLE 2-1. THE GREEN BOOK, "GUIDA NCE ON QUALITY ASSURANCE REQUIREMENTS DURING THE C ONSTRUCTION PHASE OF NUCLEAR POWER PLANTS," CONTAI NS THE "SUPPLEMENTARY QUALITY ASSURANCE REQUIREMEN TS FOR INSTALLATION, INSPECTION AND TESTING OF MEC HANICAL EQUIPMENT AND SYSTEM FOR THE CONSTRUCTION PHASE OF NUCLEAR POWER PLANTS," DRAFT ANSI N45.2.8 SECTION 2.0 OF THE DRAFT STANDARD, "GENERAL REQ

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|--------------|------------|---------|---------------|------------------------|---|--|
| 022481       | 030681     | 292702B | 3             | D                      | UIREMENTS," SUBSECTION 2.3, "RESULTS," STATES, IN PART, "TEST REPORTS AND DATA SHEETS INCLUDE AN EVA LUATION OF THE ACCEPTABILITY OF INSPECTION AND TEST RESULTS AND PROVIDE FOR IDENTIFYING THE INDIVIDU AL WHO PERFORMED THE EVALUATION." CONTRARY TO THE ABOVE: A. TOMPKINS-BECKWITH (T-B0 FORM GP-723-43, "TENSION TEST REPORTS," WHICH REFLECT TENSION TEST RESULTS FOR THE T-B PROCEDURE TBP-33, "PROCEDURE FOR INSPECTING DRILLED-IN EXPANSION TYPE ANCHORS IN SEISMIC CLASS I CONCRETE," WERE NOT EVALUATED FOR ACCEPTABILITY AT THE CONCLUSION OF THE INSPECT ION/TESTING ACTIVITY DURING THE PERIOD FEBRUARY 27, 1978, THROUGH JANUARY 28, 1981. B. ALL TENSION TEST REPORTS WERE CONSIDERED COMPLETE AND WERE BEING RETAINED IN THE T-B QA/QC RECORDS STORAGE VAULT PRIOR TO FINAL TURNOVER TO THE LICENSEE. C. OF THE 115 TENSION TEST REPORTS REVIEWED BY THE T-B QA SUPERVISOR DURING THIS IE INSPECTION PERIOD, 111 REPORTS WERE FOUND TO HAVE UNACCEPTABLE DISCREPANCIES. D. THE T-B COGNIZANT REPRESENTATIVE INDICATED THAT T-B DOES NOT HAVE PROVISIONS IN THEIR QA PROGRAM PROCEDURES FOR EVALUATING THE ACCEPTABILITY OF INSPECTION AND TEST RESULTS, NOR PROVIDES THE IDENTITY OF AN INDIVIDUAL WHO WOULD PERFORM AN EVALUATION. |  |
| 032481       | 032781     | 292702B | 1             |                        |   |  |
| 120781       | 121181     | 292702B | 1             |                        | 교회의 이 교리에 바다면 보고 있는 동안된 것이 되는 것이 되고 있다면 어떻게 되었다.  |  |
| 030182       | 030582     | 292702B | 2             |                        | 이번 아이는 생각 사람이 내려왔다. 하는 그들은 사람들은 사람들이 되었다면 했다.   |  |
| 051082       | 051382     | 292702B | 4             | -                      | 일다. 이렇게 그녀가 들어나 보았다는데 이렇게 하는데 하는데 없다.   |  |
| 040582       | 040882     | 292702B | 2             | -                      | 그렇게 되었다. 그렇게 살아왔다면 하다면 하고 하는 게 없었다고 있었다.  |  |
| 032883       | 033183     | 292702B | -1            | +                      |   |  |
| 041883       | 042183     | 292702B | 2             |                        |   |  |
| 112779       | 113079     | 292703B | 1             | -                      | 보다면 생겨가 되지 않는데 하는데 하는데 되는데 하는데 얼마나 되었다.   |  |
| 061080       | 061380     | 292703B | 1 -           | -                      | [1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2  |  |
| 061880       | 062780     | 292703B | 1             | -                      | 네가 되는 이 경우 이 있는 것이 이 전혀 생각하지 않아 있다면 되었다. [1] 본 기계   |  |
|              | 072500     | 292703B |               |                        |   |  |

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|--------|--------|---------|---------------|----------|--|--|
| 081180 | 081580 | 292703B | 2             |          |  |  |
| 091680 | 101080 | 292703B | 2             |          | 그리다 하는 없었는데 하다를 하는데 하는데 맛이 느리를 하는데 하는데 하나 하나 있다.   |  |
| 121680 | 121980 | 292703B | 1             |          |  |  |
| 040781 | 041681 | 292704B | 1             |          | 그리는 이 경험 등 보고 있는 사람들 회사에 하면 있는데 모든 모든데 되었다. 그 없는데 이 경험적  |  |
| 051881 | 052281 | 292704B | 1             |          | 그 보고 있다. 이 이번 , 사람 하다 하나 되었다면 하는데 하는데 하는데 하는데 하나 하다.   |  |
| 120275 | 120575 | 292705B | 2             |          | 그 것 그 그 집 하다 되었다. 남편 발생님 하게 되었다. 하는 사람들은 사람들이 되었다.   |  |
| 020376 | 020676 | 292705B | 1             |          |  |  |
| 020177 | 020477 | 292705B | . 1           |          | 나 있는 사람들 사람들 살아가 하는 것이 있다면 하는 것이 되었다. 그 것은 이 사람들이 되었다면 하는 것이 없었다.  |  |
| 030277 | 030477 | 292705B | 1             |          |  |  |
| 033077 | 033177 | 292705B | 1             |          | 100년 - 1511 (1212년 - 1212년 - 1   |  |
| 042677 | 052777 | 292705B | 2             |          | [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]  |  |
| 060877 | 062377 | 292705B | 1             |          |  |  |
| 080277 | 080577 | 292705B | 1             |          |  |  |
| 080481 | 080781 | 292705B | 1             |          | [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]  |  |
| 011083 | 012883 | 292706  | 1             |          |  |  |
| 020783 | 021183 | 292706  | 2             |          | 14. [1] I. [1] [1] 14. 14. 14. 14. 14. 14. 14. 14. 14. 14.   |  |
| 081076 | 081276 | 292706B | 1             |          |  |  |
| 092176 | 092476 | 292706B | 2             |          |  |  |
| 101376 | 102276 | 292706B | 2             |          |  |  |
| 120176 | 120376 | 292706B | 1             |          | 14. B. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14  |  |
| 121476 | 121676 | 292706B | 2             |          |  |  |
| 011177 | 011277 | 292706B | 1             |          |  |  |
| 020177 | 020477 | 292706B | 1             |          | [마음이상 Bullet 1888] (1984년 1982년 1984년 1984년<br>1984년 1984년 1 |  |

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|--------|--------|---------|---------------|------------------------|--|
| 030277 | 030477 | 292706B | 1             |                        | 그 아이는 뭐 하면 하다는 것이 나는 이 없는데 보다 하다.  |
| 033077 | 033177 | 292706B | 1             |                        |  |
| 042677 | 052777 | 292706B | 2             |                        |  |
| 060877 | 062377 | 292706B | 1             |                        | 경영화 경영화 경영화 보다 내내 연락하다 그리고 있다.   |
| 080277 | 080577 | 292706B | 1             |                        |  |
| 083077 | 090277 | 292706B | 2             |                        |  |
| 092777 | 093077 | 292706B | 2             |                        |  |
| 101177 | 101477 | 292706B | 1             |                        | 그리아 아이 그 사람들이 되었다. 한 요리 상태에는 점하실 점점.   |
| 102577 | 102877 | 292706B | 2             |                        | 그 마음이 많으면 이 얼룩한 밤 하는 맛있네요? 나라들었다면  |
| 110877 | 111177 | 292706B | - 1           |                        |  |
| 120677 | 120977 | 292706B | 1             |                        |  |
| 121977 | 122277 | 292706B | 2             |                        |  |
| 010978 | 011278 | 292706B | 1             |                        |  |
| 021478 | 022478 | 292706B | 2             |                        |  |
| 031478 | 031778 | 292706B | 1             |                        |  |
| 040478 | 040778 | 292706B | 2             |                        |  |
| 051578 | 051978 | 292706B | 1             |                        |  |
| 061278 | 062378 | 292706B | - 1           | -                      |  |
| 071178 |        | 292706B | 2             | 3                      | FAILURE TO REPORT SAFETY SIGNIFICANT DEFICIENCY: 10 CFR PART 50.55, PARAGRAPH (E)(1), "CONDITIONS OF FOUNT OF THE PERMIT" STATES IN PART, "THE HOLDER OF THE PERMIT SHALL NOTIFY THE COMMISSION OF EACH DEFICIENCY FOUND IN DESIGN AND CONSTRUCTION, WHICH, WERE IT TO HAVE REMAINED UNCORRECTED, COULD IN THE PROPERTY OF |

F THE NUCLEAR PLANT AT ANY TIME THROUGHOUT THE EXP ECTED LIFETIME OF THE PLANT, AND WHICH REPRESENTS: ...(II) A SIGNIFICANT DEFICIENCY IN FINAL DESIGN A S APPROVED AND RELEASED FOR CONSTRUCTION SUCH THAT

ONTAINMENT, WAS NOT IDENTIFIED AS FLAME RETARDANT

| FROM   | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |   |
|--------|------------|---------|---------------|------------------------|--|---|
| 071178 | 071478     | 292706B | 2             | 3                      | THE DESIGN DOES NOT CONFORM TO THE CRITERIA AND B ASES STATED IN THE SAFETY ANALYSIS REPORT OR CONSTRUCTION PERMIT" CONTRARY TO THE ABOVE, BY COPY OF A LETTER DATED OCTOBER 19, 1977, COMBUSTION EN GINEERING, INC. TO EBASCO SERVICES, INC. (C-CE-4696), THE LICENSEE WAS ADVISED OF A SIGNIFICANT FLOW PROBLEM EXPERIENCED IN THE HPSI SYSTEM OF A SIMIL AR DESIGNED FACILITY WHICH WAS ATTRIBUTED TO EXCESSIVE PRESSURE DROP THROUGH SPECIFICALLY IDENTIFIED CONTROL VALVES. THE LETTER FURTHER STATES THAT, "THE REDUCTION IN FLOW WAS SERIOUS ENOUGH TO INVALIDATE THE SAFETY ANALYSIS (ECCS ANALYSIS 10 CFR 50 APPENDIX K)." IT WAS CONFIRMED IN DISCUSSIONS WITHE THE LICENSEE THAT HPSI CONTROL VALVES OF THE SAME DESIGN AS DESCRIBED IN THE COMBUSTION ENGINEER ING LETTER HAD BEEN SUPPLIED TO WATERFORD 3. THIS MATTER WAS NOT REPORTED TO THE NRC BY THE LICENSEE IN ACCORDANCE WITH 10 CFR 50.55(E).  | 1 |
| 072578 | 072878     | 292706B | 1             |                        |  |   |
| 080778 | 081178     | 292706B | 1             |                        | [10] [10] 10 [ |   |
| 090578 | 090878     | 292706B | 2             | 2                      | FAILURE TO FOLLOW CONTRACT SPECIFICATION PROVISION S RELATED TO FIRE PREVENTION: CRITERION V OF APPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS, PROCEDURES AND DRAWINGS. SECTION D-7 OF CONTRACT W3-NY-16, "ERECTION OF MAIN AND MISCELLANEOUS STRUCTURAL STEEL AND PERFORMANCE OF RELATED WORK" APPLICABLE TO AMERICAN BRIDGE AND SIMILAR RESTRICTIONS IN OTHER CONTRACTS APPLICABLE TO OTHER CONSTRUCTION CONTRACTORS PRECLUDE THE USE OF WOOD AND OTHER FLAMMABLE MATERIALS WITHIN THE REACTOR CONTAINMENT UNLESS THE WOOD HAS BEEN TREATED WITH A FLAME RETARDANT. CONTRARY TO THE ABOVE: 1. ON SEPTEMBER 7, 1978, IT WAS OBSER VED: THAT TEMPORARY COVERS INSTALLED ON TWO FAN/COLER UNITS STORED WITHIN THE CONTAINMENT STRUCTURE, WERE FABRICATED FROM PLYWOOD AND PLATIC SHEETING NOT IDENTIFIED AS FLAME RETARDANT. SUBSEQUENT DISCUSSIONS WITH LP&L AND EBASCO PERSONNEL COULD NOT CONFIRM THAT THE TEMPORARY COVERS WERE FLAME RETARDANT. 2. IT WAS ALSO OBSERVED ON SEPTEMBER 7, 1978, THAT WOODEN PLANKING, BEING UTILIZED AS TEMPORARY SCAFFOLDING BY AMERICAN BRIDGE WITHIN THE CONTAINMENT. WAS NOT IDENTIFIED AS FLAME RETARDANT.  |   |

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|--------------|----------|---------|---------------|------------------------|--|--|
| 09057        | 8 090878 | 292706B | 2             | 2                      | WOOD. LICENSEE AND CONTRACTOR INVESTIGATION CONFI<br>RMED THAT THE PLANKING WAS NOT TREATED FOR FIRE RE<br>TARDANCY.   |  |
| 09197        | 8 092278 | 292706B | 2             | 2                      | FAILURE TO PROPERLY INSPECT STRUCTURAL WELDS: 10 CFR 50, APPENDIX B CRITERION X REQUIRES THAT A PRO GRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALIT Y BE EXECUTED TO VERIFY CONFORMANCE WITH PROCEDURE S. THE AMERICAN BRIDGE PROCEDURE NO. 6, REV. E, P ARAGRAPH 6.8.2 REQUIRES THAT WELD PROFILES BE AS S HOWN IN FIGURE 3.6 OF THE AMERICAN WELDING SOCIETY (AWS) STRUCTURAL WELDING CODE D1.1 AND THAT UNDER CUT BE NO GREATER THAN 0.03 INCHES. CONTRARY TO T HE ABOVE: ONE FULL PENETRATION WELD AND TWO FILLE T WELDS, AT ELEVATION (-)4' IN THE CONTAINMENT BUI LDING STRUCTION STEEL, HAD BEEN VISUALLY INSPECTED AND ACCEPTED BY AMERICAN BRIDGE, BUT WERE FOUND T O HAVE UNDERCUT OF APPROXIMATELY .06 INCHES AND OV ERLAP AND SLAG IN EXCESS OF THE ACCEPTANCE CRITERI A SPECIFIED IN AMERICAN BRIDGE PROCEDURE NO. 6 AND THE AWS STRUCTURAL WELDING CODE D1.1. |  |
| 10167        | 8 102778 | 292706B | 1             |                        | [12] 전 기념 : 12년 12 전 12일 전   |  |
| 11147        | 8 111778 | 292706B | 2             |                        | 얼마나 지나 나는 나는 사람들이 살아 있다면 하는 것이 없었다.  |  |
| 11287        | 8 120178 | 292706B | 1             | -                      |  |  |
| 01097        | 9 011279 | 292706B | 1             | -                      | 그런 사람이 하는 것 같아. 이 사람들은 이 사람이 되는 것 같아.  |  |
| 01237        | 9 012679 | 292706B | 2             |                        |  |  |
| 02267        | 9 030979 | 292706B | 2             | -                      |  |  |
| 03207        | 9 032379 | 292706B | 2             |                        |  |  |
| 04307        | 9 050379 | 292706B | 1             | -                      |  |  |
| 05297        | 9 060179 | 292706B | 1             | -                      |  |  |
| 06197        | 9 062279 | 292706B | 1             | -                      |  |  |
| 07107        | 9 071379 | 292706B | 1             |                        |  |  |
| 08157        | 9 082479 | 292706B | 1             |                        | 그렇게 하는 것이 하는 것이 아이들이 하는 것이 없다. 이 모두 나다.  |  |
| 09267        | 9 092879 | 292706B | . 1           |                        | 두 경기 회장에 하게 막게 먹었다. 경기 이 사이 하는 것이 모든데 다.   |  |
|              |          |         |               |                        |  |  |

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|   | 103079       | 110279 | 292706B | 1             |                        |   |  |
| ) | 112779       | 113079 | 292706B | 1             |                        |   |  |
|   | 012980       | 020180 | 292706B | 1             |                        |   |  |
| • | 022580       | 022880 | 292706B | 2             |                        |   |  |
|   | 031180       | 031480 | 292706B | 1             |                        |   |  |
| • | 031880       | 032180 | 292706B | 2             |                        |   |  |
|   | 040780       | 041080 | 292706B | 1             |                        |   |  |
| ) | 042180       | 042580 | 292706B | 4             | 2                      | FAILURE TO FOLLOW CONTRACT PROCEDURES RELATIVE TO |  |

THE CARE OF SAFETY-RELATED PIPING CRITERION V OF A PPENDIX B TO 10 CFR 50 REQUIRES THAT ACTIVITIES AF FECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS, OF A TYPE A PPROPRIATE TO THE CIRCUMSTANCES, AND SHALL BE ACCO MPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PR OCEDURES, OR DRAWINGS. SECTION P.9 OF THE EBASCO CONTRACT SPECIFICATION FOR TOMPKINS-BECKWITH, CONT RACT NO. W3-NY-11, REQUIRES THAT THE CONTRACTOR AB IDE BY THE GUIDELINE PROVISIONS OF ANSI N45.2.2, " PACKAGING, SHIPPING, RECEIVING, STORAGE, AND HANDL ING OF ITEMS FOR NUCLEAR POWER PLANTS." SECTION 6 . 1. 1 REQUIRES THAT DURING CONSTRUCTION THE POSSIBI LITY OF DAMAGE TO MATERIALS OR COMPONENTS OR THE L OWERING OF QUALITY DUE TO CORROSION, CONTAMINATION , OR DETERIORATION BE MINIMIZED. ALSO, SECTION 6. 1.2 REQUIRES THAT ITEMS SUCH AS PIPING BE STORED O N CRIBBING OR EQUIVALENT TO ALLOW FOR AIR CIRCULAT ION AND TO AVOID TRAPPING WATER. CONTRARY TO THE APOVE: ON APRIL 23, 1980, DURING A BACKSHIFT INSP ECTION, THE IE INSPECTOR OBSERVED THREE SPOOLS OF COMPONENT COOLING WATER PIPING LYING DIRECTLY ON T HE CONCRETE FLOORING IN THE REACTOR CONTAINMENT BU ILDING AT ELEVATION 0. THE PIPING (3CC-10-13A/B-1 1,3CC-10-57 AND 3CC-10-33B-22-1) WAS NOT SEGREGATE D FROM THE STORAGE OF OTHER MATERIALS TO MINIMIZE DAMAGE. THESE OTHER MATERIALS INCLUDED REINFORCIN G STEEL. TOOLS, PIECES OF SCAFFOLDING, AND OTHER I TEMS APPARENTLY USED BY THE CONSTRUCTION TRADES WO RKING IN THE AREA.

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| 60280        | 060580 | 292706B | 2             | -                      |      | -   |
| 072880       | 073180 | 292706B | 1             |                        |      |     |
| 081180       | 081580 | 292706B | 2             |                        |      |     |
| 092380       | 092680 | 292706B | 1             |                        |      |     |
| 111780       | 112080 | 292706B | 1             |                        |      |     |
| 020281       | 020581 | 292706B | 1             |                        |      | - 1 |
| 022481       | 030681 | 292706B | 3             | 지하는 시민이다.              |      |     |
| 032481       | 032781 | 292706B | 1             |                        |      |     |
| 040781       | 041681 | 292706B | 1             |                        |      |     |
| 041381       | 041681 | 292706B | 1             |                        |      |     |
| 042781       | 050181 | 292706B | 1             |                        |      |     |
| 052881       | 052981 | 292706B | 1             |                        |      |     |
| 070681       | 071081 | 292706B | 2             |                        |      |     |
| 080481       | 080781 | 292706B | 1             |                        |      |     |
| 081081       | 081481 | 292706B | 1             |                        |      |     |
| 082581       | 082781 | 292706B | 1             |                        |      |     |
| 091481       | 091781 | 292706B | 1             |                        |      |     |
| 101981       | 102281 | 292706B | 1             |                        |      |     |
| 110281       | 110681 | 292706B | 2             |                        |      |     |
| 120781       | 121181 | 292706B | 1             |                        |      |     |
| 010482       | 010782 | 292706B | 1             |                        |      |     |
| 030182       |        | 292706B | 2             |                        |      |     |
| 051082       |        | 292706B | 4             |                        |      |     |
|              |        | 292706B | 2             |                        |      |     |
|              |        |         |               |                        |      |     |

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|--------------|------------|---------|---------------|------------------------|------|--------------------------|--|
| 041682       | 051582     | 292706B | 1             |                        |      |                          |  |
| 071282       | 073082     | 292706B | 1             |                        |      |                          |  |
| 081682       | 082082     | 292706B | 2             |                        |      |                          |  |
| 080982       | 081382     | 292706B | 1             |                        |      |                          |  |
| 092082       | 092482     | 292706B | 1             |                        |      |                          |  |
| 091682       | 103182     | 292706B | 2             |                        |      |                          |  |
| 121382       | 121682     | 292706B | 1             |                        |      |                          |  |
| 011783       | 012183     | 292706B | 1             |                        |      | 프레이터는 본 시간 작가지, 중에게 되었다. |  |
| 022883       | 031183     | 292706B | 2             |                        |      |                          |  |
| 032883       | 033183     | 292706B | 1             |                        |      |                          |  |
| 041883       | 042183     | 292706B | 2             |                        |      |                          |  |
| 062783       | 070183     | 292706B | 1             |                        |      |                          |  |
| 103183       | 110383     | 292706B | 1             |                        |      |                          |  |
| 061880       | 062780     | 292715B | 1             |                        |      |                          |  |
| 031881       | 031981     | 294600C | 1             |                        |      |                          |  |
| 091978       | 092278     | 294702B | 2             |                        |      |                          |  |
| 011281       | 011581     | 294702B | 1             |                        |      |                          |  |
| 101079       | 101279     | 330301B | 1             |                        |      |                          |  |
| 101079       | 101279     | 330703B | 1             |                        |      |                          |  |
| 011680       | 011880     | 330703B | 1             |                        |      |                          |  |
| 042980       | 050180     | 330703B | 1             |                        |      |                          |  |
| 062380       | 062780     | 330703B | 1             |                        |      |                          |  |
| 071480       | 081580     | 330703B | 1             |                        |      |                          |  |

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|--------------|--------|---------|---------------|------------------------|------|---|--|
| 081680       | 091580 | 330703B | 1             | -                      |      | - |  |
| 091680       | 101580 | 330703B | 1             |                        |      |   |  |
| 101680       | 111580 | 330703B | 1             |                        |      | - |  |
| 111680       | 121580 | 330703B | 1             |                        |      |   |  |
| 011680       | 021581 | 330703B | 1             |                        |      |   |  |
| 021680       | 031581 | 330703B | 1             |                        |      |   |  |
| 031681       | 041581 | 330703B | 1             |                        |      |   |  |
| 041681       | 051581 | 330703B | 1             |                        |      |   |  |
| 051681       | 061581 | 330703B | 2             |                        |      |   |  |
| 061681       | 071581 | 330703B | 2             |                        |      |   |  |
| 071681       | 081581 | 330703B | 1             |                        |      |   |  |
| 081631       | 091581 | 330703B | 2             |                        |      |   |  |
| 091681       | 101581 | 330703B | 2             |                        |      |   |  |
| 101681       | 111581 | 330703B | 2             |                        |      |   |  |
| 111681       | 121581 | 330703B | 2             |                        |      |   |  |
| 121681       | 021582 | 330703B | 2             |                        |      |   |  |
| 030582       | 030982 | 330703B | - 1           |                        |      |   |  |
| 021682       | 031582 | 330703B | 2             |                        |      |   |  |
| 031682       | 041582 | 330703B | 2             |                        |      |   |  |
| 042682       | 043082 | 330703B | 1             |                        |      | - |  |
| 050382       | 050782 | 330703B | 1             |                        |      |   |  |
| 041682       | 051582 | 330703B | 1             |                        |      |   |  |
| 051682       | 071582 | 330703B | 2             |                        |      |   |  |
| 071682       | 091582 | 330703B | 1             |                        |      |   |  |
|              |        |         |               |                        |      |   |  |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | техт   |
|--------------|------------|---------|---------------|------------------------|--|
| 091682       | 103182     | 330703B | 2             |                        |  |
| 110182       | 113082     | 330703B | 1             |                        |  |
| 010183       | 013183     | 330703B | 1             | - 1                    | 수 바다 가는 사람들이 살아가 하는 것도 하는 것이 되었다. 그는 사람들이 되었다면 하는 것이 없는 것이다.   |
| 011783       | 012183     | 330703B | 1             |                        |  |
| 012483       | 012883     | 330703B | 1             |                        |  |
| 022283       | 030483     | 330703B | 1             |                        |  |
| 022883       | 030383     | 330703B | 1             |                        |  |
| 021683       | 021783     | 330703B | 1             |                        | 내용 내용 주민하다 하다 내용 등에 하고 있는데 하는데 하는데 하는데 하는데 하다 되었다.   |
| 020183       | 022883     | 330703B | 1             |                        |  |
| 030183       | 043083     | 330703B | . 1           |                        |  |
| 050183       | 053183     | 330703B | 2             |                        |  |
| 060183       | 063083     | 330703B | 2             |                        | 생물이 있는 것 같은 것이 보면서 이렇게 되었다. 이 사람들은 사람들이 되었다. 그 그 나는 것 같아.  |
| 062783       | 070183     | 330703B | 1             |                        | 선생님이 하는 사람이 하는 것이 없는 것이 없는 것이다. 그는 것이 없는 것이 없는 것이 없는 것이 없는데 없는데 없는데 없었다.   |
| 071183       | 071583     | 330703B | 1             |                        |  |
| 062783       | 070183     | 330703B | 4             | -                      |  |
| 070183       | 083183     | 330703B | 1             |                        |  |
| 080283       | 080583     | 330703B | 1             | -                      |  |
| 090183       | 093083     | 330703B | 1             |                        |  |
| 121680       | 011581     | 330703C | . 1           |                        |  |
| 121681       | 021582     | 335301  | 2             |                        | . 1900년 : 100 - 100 - 100년 100년 12일 - 1  |
| 041682       | 051582     | 335301  | . 1           |                        | 보이라면 하는 것은 아이들 바다를 하고 있다면 하는데 되었다. 그리고 하나 나를 하는데 되었다면 하는데  |
| 051682       | 071582     | 335301  | 2             | 3                      | VIOLATION ASSESSED CIVIL PENALTY: 10 CFR 50 APPEND IX B, CRITERION II, REQUIRES THAT, "THE QUALITY A SSURANCE PROGRAM SHALL PROVIDE CONTROL OVER ACTIV ITIES AFFECTING THE QUALITY OF THE IDENTIFIED STR |

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|   | FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|---|--------------|--------|---------|---------------|------------------------|--|
|   | 051682       | 071582 | 335301  | 2             | 3                      | UCTURES, SYSTEMS, AND COMPONENTS TO AN EXTENT CONSISTENT WITH THEIR IMPGRTANCE TO SAFETY. ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED UNDER SUITABLY CONTROLLED CONDITIONS." CONTRARY TO THE ABOV! LOUISIANA POWER AND LIGHT COMPANY FAILED TO ADEQUATELY CONTROL ACTIVITIES AFFECTING THE QUALITY OF SAFETY-RELATED WORK. SPECIFICALLY, LP&L FAILED TO ENSURE THAT EBASCO SERVICES, INC., AS CONSTRUCTION MANAGER. WAS ADEQUATELY CONTROLLING THE QUALITY OF SAFETY SYSTEMS AND PROVIDING THE COMPLETE AND ACCURATE DOCUMENTATION OF QUALITY REQUIRED FOR THESE SYSTEMS. THIS FAILURE IS ILLUSTRATED BY THE FACT THAT ON APRIL 30, MAY 20, MAY 22, AND JUNE 22, 1982. EBASCO QA SIGNED FOUR ASP-IV-50-6 FORMS INDICATING THAT FOUR SAFETY SYSTEMS WE RE READY FOR TURNOVER TO LP&L. THESE SAFETY SYSTEM WERE CONTAINMENT SPRAY, LOW PRESSURE SAFETY IN JECTION, SAFETY INJECTION TANKS, AND HIGH PRESSURE SAFETY IN JECTION. THE PERTINENT FABRICATION AND INSTALLATION RECORDS SPECIFIED THAT THESE SYSTEM SERE READY FOR TURNOVER. SUBSEQUENTLY, THE LP&L CONSTRUCTION QA AND STARTUP ORGANIZATIONS REJECTED ALL FOUR SYSTEM TURNOVER PACKAGES DUE TO NUMER OUS FINDINGS WHICH THE QUALITY RECORDS AND EXCEPTION LISTS DID NOT ACCURATELY IDENTIFY. THESE FIND INGS INCLUDED PREVIOUSLY UNIDENTIFIED INSTALLATION HICK THE PROCEDURES AND SECONDS AND EXCEPTION LISTS DID NOT ACCURATELY IDENTIFY. THESE FIND INGS INCLUDED PREVIOUSLY UNIDENTIFIED INSTALLATION HICCHICAN HICK THAT HAD NOT INCOMPLIANCE WITH PROCEDURES AND SPECIFICATIONS, QC INSPECTIONS THAT HAD NOT IDENTIFIED UNACCEPTABLE FIELD INSTALLATION HICCHICAN AND SPECIFICATIONS, QC INSPECTIONS THAT HAD NOT IDENTIFIED UNACCEPTABLE FIELD INSTALLATION CURRENT AS-BUILT DRAWINGS. THESE DEFICIENCIES IN THE CONTROL OF ACTIVITIES AFFECTING QUALITY SHOULD HAVE BEEN IDENTIFIED BY LP&L PRIOR TO SYSTEM TURNOVER. THIS IS A SEVERITY LEVEL III VIOLATION (SUPPLEMENT II) CIVIL PENALTY - \$20,000 |
|   | 071682       | 091582 | 335301  | 1             | -                      | 경우 아이들은 얼마 이 사람들은 아이들은 사람이 아니를 했다.   |
| _ | 091682       | 103182 | 335301  | 2             |                        |  |
|   | 110182       | 113082 | 335301  | 1             |                        |  |
|   | 050183       | 053183 | 335301  | 2             |                        |  |
|   | 060183       | 063083 | 335301  | 2             | -                      | . [1] 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1  |
|   |              |        |         |               |                        |  |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT |                              |
|--------------|--------|---------|---------------|------------------------|------|------------------------------|
| 090183       | 093083 | 335301  | 1             |                        |      |                              |
| 041681       | 051581 | 335301B | 1             |                        |      |                              |
| 031681       | 041581 | 335301C | 1             |                        |      |                              |
| 051681       | 061581 | 335301C | 2             |                        |      |                              |
| 071681       | 081581 | 335301C | 1             |                        |      |                              |
| 081681       | 091581 | 335301C | 2             |                        |      |                              |
| 011680       | 011880 | 336301B | 1             |                        |      | 얼마 되었다. 그런 하다. 그는 날이 시하다     |
| 042980       | 050180 | 336301B | 1             |                        |      |                              |
| 062380       | 062780 | 3363018 | 1             |                        |      |                              |
| 071480       | 081580 | 336301B | 1             |                        |      |                              |
| 081680       | 091580 | 336301B | 1             |                        |      | 살아이 어떻게 하면 되었다. 나 보다.        |
| 091680       | 101580 | 336301B | 1             |                        |      |                              |
| 101680       | 111580 | 336301B | 1             |                        |      |                              |
| 111680       | 121580 | 336301B | 1             |                        |      |                              |
| 011680       | 021581 | 336301B | 1             |                        |      |                              |
| 021680       | 031581 | 336301B | 1             |                        |      |                              |
| 031681       | 041581 | 336301B | 1             |                        |      | 11. 현실 14 원인경 시간 11 일을 하는 네. |
| 081681       | 091581 | 336301B | 2             |                        |      |                              |
| 091681       | 101581 | 336301B | 2             |                        |      |                              |
| 111681       | 121581 | 336301B | 2             |                        |      |                              |
| 071682       | 091582 | 336301B | 1             |                        |      |                              |
| 091682       | 103182 | 336301B | 2             |                        |      |                              |
| 090183       | 093083 | 336301B | 1             |                        |      |                              |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | техт   |  |
|--------------|--------|---------|---------------|------------------------|--|--|
| 051682       | 071582 | 337301  | 2             | -                      |  |  |
| 030183       | 043083 | 337301  | 1             | -                      | 제계: 게임의 (11일 전략 1 전문 1 명원 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |  |
| 051682       | 071582 | 339301B | 2             |                        |  |  |
| 041681       | 051581 | 340301B | . 1           |                        |  |  |
| 051681       | 061581 | 340301B | 2             |                        |  |  |
| 061681       | 071581 | 340301B | 2             |                        |  |  |
| 081681       | 091581 | 340301B | 2             |                        |  |  |
| 070183       | 083183 | 340301B | 1             |                        |  |  |
| 121681       | 021582 | 341301  | 2             |                        |  |  |
| 020183       | 022883 | 341301  | 1             |                        |  |  |
| 050183       | 053183 | 341301  | 2             | 5                      | FAILURE TO FOLLOW PROCEDURES DURING STARTUP TESTING: CRITERION V OF 10 CFR 50, APP B, REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS OR PROCEDURES. STARTUP ADMINSTRATIVE PROCEDURE (SAP-20), "ORIENTATION, TRAINING, QUALIFICATION AND CHECKO UT OF STARTUP PERSONNEL" SECTION 4.2.2 REQUIRES THAT TRAINING SHALL BE REQUIRED FOR PERSONNEL WHO PERFORM INSPECTION, EXAMINATION, AND TESTING ACTIVITIES THAT ASSURE THE QUALITY OF COMPONENTS IN THE STARTUP PHASE. ALSO, SECTION 4.3.2.1 REQUIRES THAT TECHNICIANS BE FAMILIAR WITH THE TOOLS TO BE USED AND DEMONSTRATE PROFICIENCY IN THEIR USE. CONTRARY TO THE ABOVE, ON MAY 17, 1983, THE NRC RESIDENT INSPECTOR OBSERVED THAT TWO LP&L MECHANICAL MAINTENANCE PERSONNEL WERE ATTEMPTING TO OBTAIN VIBRATION READINGS ON SAFETY-RELATED CCW MAKEUP PUMP A. HEITHER OF THE INDIVIDUALS WAS FAMILIAR WITH THE TASK ASSIGNED, AS THEY DID NOT KNOW HOW TO PROPERLY READ THE INSTRUMENT. |  |
| 060183       | 063083 | 341301  | 2             |                        |  |  |
| 091682       | 103182 | 341301B | 2             | +                      |  |  |
| 062783       | 070183 | 341301B | 4             | 5                      | 10 CFR PART 50, APP B, CRITERION V STATES IN PART, "ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIB   |  |
|              |        |         |               |                        |  |  |

| FROM<br>DATE | TO<br>DATE | MODULE# |     | DEVIATION/<br>SEVERITY | TEXT  |  |
|--------------|------------|---------|-----|------------------------|---|--|
| 062783       | 070183     | 341301B | 4   | 5                      | ED BY DOCUMENTED INSTRUCTIONS, PROCEDURESAND S HALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INS TRUCTIONS, PROCEDURES" PMD-TR-014, "PROGRAM DE SCRIPTION FOR ENGINEERING TRAINING," STATES IN PA RT, "A SCHEDULE FOR THE NEW EMPLOYEE'S TRAINING I S DEVELOPED. THE INDIVIDUAL TRAINING SCHEDULE, WI TH THE ASSOCIATED DESCRIPTION, IS TRANSMITTED TO THE EMPLOYEE SO THAT HE/SHE UNDERSTANDS THE DUTIE S, RESPONSIBILITIES, AND REQUIRED KNOWLEDGE/SKILL S" CONTRARY TO THE ABOVE, INDIVIDUAL TRAINING SCHEDULES WERE NOT TRANSMITTED TO EACH EMPLOYEE OF THE ENGINEERING DEPARTMENT. |  |
| 062783       | 070183     | 341301B | 4   | D                      | IN THE FINAL SAFETY ANALYSIS REPORT FOR WATERFORD 3, LOUISIANA POWER & LIGHT COMPANY STATED, "PERS ONNEL QUALIFICATIONS AND TRAINING FOR ALL PLANT S TAFF POSITIONS WILL MEET THE REQUIREMENTS OF ANSI /ANS3.1-1978." THIS SPECIFIC REQUIREMENT IS ALSO REITERATED IN PARAGRAPH 13.2.1.4 OF THE FINAL SAFETY ANALYSIS REPORT. IN THE DEVIATION FROM THE ABOVE, IT WAS FOUND ON JUNE 29, 1983, THAT THE "PRO GRAM DESCRIPTION FOR GENERAL EMPLOYEE TRAINING" PMD-TR-002, REV 0, DATED FEB 17, 1983, DID NOT ADD RESS TRAINING IN "JOB RELATED PROCEDURES AND INSTRUCTIONS."              |  |
| 031681       | 041581     | 341301C | 1   |                        |   |  |
| 041681       | 051581     | 341301C | 1   |                        |   |  |
| 081681       | 091581     | 341301C | 2   |                        |   |  |
| 021680       | 031581     | 342400B | 1   |                        |   |  |
| 030183       | 043083     | 342400B | 1   |                        |   |  |
| 030183       | 043083     | 342450B | 1   |                        |   |  |
| 090183       | 093083     | 342450B | - 1 | 10-11                  |   |  |
| 060183       | 063083     | 342451B | 2   | -                      |   |  |
| 071681       | 081581     | 342452B | 1   |                        |   |  |
| 030183       | 043083     | 342452B | 1   |                        |   |  |
| 050183       | 053183     | 342452B | 2   |                        |   |  |
|              |            |         |     |                        |   |  |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|--------|---------|---------------|------------------------|---|
| 060183       | 063083 | 342452B | 2             |                        |   |
| 041682       | 051582 | 360501B | 1             |                        | 선생님이 얼마나 있는 것이 이번 때문에 나는 사람이 되었다.                               |
| 020183       | 022883 | 360501B | 1             |                        | 보다 우리 중심 다 보는 그는 것이 이 그는 그 그 그 그 그 그 없는 것 같아.                   |
| 070183       | 083183 | 360501B | 1             |                        | 선생님이 얼마나 되었다면 되었다고 하는데 하는데 그 얼마나 되었다고 했다.                       |
| 021680       | 031581 | 370300B | 1             | [24] 하시네 프라            |   |
| 121681       | 021582 | 3703008 | 2             |                        | 시작 [발생기] 비용되었다. 발생하시는 이 그리지 않는데 그리고 하시는 것도 없는데 있었다.             |
| 051682       | 071582 | 370300B | 2             |                        |   |
| 120182       | 123182 | 370300B | 1             |                        |   |
| 011680       | 011880 | 370301B | 1             |                        |   |
| 042980       | 050180 | 370301B | 1             |                        |   |
| 062380       | 062780 | 3703018 | 1             |                        | 마이크리 1개 : 1개 : 12 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -           |
| 071480       | 081580 | 370301B | 1             |                        | 할 때 하지 않는 사람들은 가게 되다는 것은 것 같아요. 그런 사람이 되지 않는데 하는 것 같아.          |
| 081680       | 091580 | 370301B | 1             |                        |   |
| 091680       | 101580 | 370301B | 1             |                        | 마다 살 된 경우가 무슨 옷이 되고 있는데 이용 문화되는 것이 되었다는 것이다고 있다.                |
| 111680       | 121580 | 370301B | 1             |                        |   |
| 121680       | 011581 | 3703018 | 1             |                        | [10] [10] [10] [10] [10] [10] [10] [10]                         |
| 011680       | 021581 | 370301B | 1             |                        |   |
| 041681       | 051581 | 370301B | 1             |                        |   |
| 051681       | 061581 | 370301B | 2             |                        | [설명] : 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                      |
| 061681       | 071581 | 370301B | 2             |                        | 게 하는 사용으로 가는 것이 많아 가는 것이 없는 것이 없었다. 그 없는 것이 없는 것이 없는 것이 없는 것이다. |
| 071681       | 08158  | 370301B | - 1           |                        | 하는 그들이 얼마나 얼마나 하나 아름다면 하는 것이 없었다.                               |
| 091681       | 101581 | 370301B | 2             |                        | 하다 이 가능하다면 바다 다른 사람이 되는 때 가장이 때 그리지 않아 살아 나는 아름                 |
| 121681       | 021582 | 370302  | 2             |                        | 일하다 그렇게 하다 바람이 나는 사람이 아니라 하는 것이 없다면 하다.                         |

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT |   |  |
|--------|--------|---------|---------------|------------------------|------|---|--|
| 051682 | 071582 | 370302  | 2             |                        |      |   |  |
| 110182 | 113082 | 370302  | . 1           |                        |      |   |  |
| 010183 | 013183 | 370302B | 1             |                        |      |   |  |
| 071681 | 081581 | 370302C | 1             |                        |      |   |  |
| 021680 | 031581 | 370303B | . 1           |                        |      |   |  |
| 121681 | 021582 | 370303B | 2             |                        |      |   |  |
| 010183 | 013183 | 370303B | 1             |                        |      |   |  |
| 020183 | 022883 | 370303B | 1             |                        |      | - |  |
| 071682 | 091582 | 370304B | 1             |                        |      |   |  |
| 050183 | 053183 | 370305B | 2             |                        |      |   |  |
| 090183 | 093083 | 370305B | 1             |                        |      | - |  |
| 030183 | 043083 | 370307B | 1             |                        |      |   |  |
| 060183 | 063083 | 370307B | 2             |                        |      |   |  |
| 010183 | 013183 | 370308B | 1             |                        |      |   |  |
| 020183 | 022883 | 370308B | 1             |                        |      |   |  |
| 030183 | 043083 | 370311B | 1             |                        |      |   |  |
| 051682 | 071582 | 370312  | 2             |                        |      |   |  |
| 020183 | 022883 | 370312B | 1             |                        |      |   |  |
| 050183 | 053183 | 370312B | 2             |                        |      |   |  |
| 060183 | 063083 | 370312B | 2             |                        |      |   |  |
| 070183 | 083183 | 370312B | . 1           |                        |      |   |  |
| 090183 | 093083 | 370312B | 1             |                        |      |   |  |
| 030183 | 043083 | 3703138 | 1             |                        |      |   |  |
| 060183 | 063083 | 3703138 | 2             |                        |      |   |  |
|        |        |         |               |                        |      |   |  |

|   | FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|---|--------------|------------|---------|---------------|------------------------|---|
|   | 030183       | 043083     | 370314  | 1             |                        |   |
| • | 020183       | 022883     | 370314B | 1             |                        |   |
|   | 071682       | 091582     | 370315B | 1             |                        |   |
| • | 030183       | 043083     | 370317B | 1             |                        |   |
|   | 090183       | 093083     | 370317B | 1             |                        |   |
| • | 060183       | 063083     | 370320B | 2             |                        |   |
|   | 030183       | 043083     | 370329B | 1             |                        |   |
| • | 010183       | 013183     | 370338B | 1             |                        |   |
|   | 021680       | 031581     | 370340B | 1             |                        |   |
| • | 121681       | 021582     | 370341B | 2             |                        |   |
|   | 081681       | 091581     | 370343B | 2             | 100                    |   |
|   | 091681       | 101581     | 370343B | 2             |                        |   |
|   | 111681       | 121581     | 370343B | 2             |                        |   |
| • | 121681       | 021582     | 370343B | 2             | 5                      | CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI |

TRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPRO PRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVI TIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE SE INSTRUCTIONS, PROCEDURES OR DRAWINGS. SAP-37, "JOINT TEST GROUP" (JTG) PROCEDURE REQUIRES THAT THE JTG REVIEW PREOPERATIONAL (PHASE II) TEST PR OCEDURES AND THAT DURING THESE REVIEWS THE JTG W ILL ENSURE THE ADEQUACY OF DESIGNATED TECHNICAL REVIEWS. DESIGNATED TECHNICAL REVIEWERS ARE REQU IRED BY SAP-11 TO VERIFY THAT THE PROCEDURE CONT ENT IS CONSISTENT WITH THE TEST OBJECTIVES, REGU LATORY REQUIREMENTS, AND COMMITMENTS. CONTRARY T O THE ABOVE, THE NRC INSPECTOR OBSERVED DURING A PROCEDURE REVIEW THAT PREOP TEST PROCEDURE SPO-59-001 WAS NOT CONSISTENT WITH THESE OBJECTIVES, REGULATORY REQUIREMENTS OR COMMITMENTS. SEVERAL EXAMPLES IDENTIFIED DURING THE REVIEW CONDUCTED BETWEEN 8/31/81 TO 1/11/82 ARE LISTED BELOW: 1.

| FROM   | TO     | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------|--------|---------|---------------|------------------------|--|
| 121681 | 021582 | 370343B | 2             | 5                      | SECT 14.2.12.2.48.3.H OF FSAR STATES THAT THE PH ASE II TEST FOR CONTAINMENT SPRAY WILL VERIFY AN UNOBSTRUCTED FLOW PATH, USING WATER AND AIR WIT H OVERLAPPING FLOW PATHS. CONTRARY TO THIS, PRED P TEST PROCEDURE SPO-59-001, "CONTAINMENT SPRAY" DID NOT CHECK FLOW-THRU VALVE 2CS-F305A EITHER WATER OR AIR. IN ADDITION, THE VALVE LINE-UP DID NOT LIST SEVERAL VALVES THAT ARE IN THE FLOW PATH OR BOUNDARIES TO THE FLOW PATH. 2. SECT 14.2.4 OF THE FSAR REQUIRES THAT EACH PROCEDURE WILL INCLUDE PROVISIONS TO ENSURE THAT PREREQUISITES MET. CONTRARY TO THE ABOVE, THIS PRECOP PROCEDURE DID NOT REFERENCE OR LIST PREREQUISITES TEST PROCEDURES SFL-59-001 AND SFL-59-002, OR SFG-59-001. ALSO, THE STATUS OF THE REACTOR COOLANT SYSTEM IS NOT ADDRESSED BY THIS PROCEDURE. QP 11.1, "TEST CONTROL" PROCEDURE REQUIRES THAT WRITTEN PROCEDURES FOR CONDUCTING TESTS SHALL BE SUFFICIE NTLY DETAILED TO ENABLE QUALIFIED PERSONNEL TO PERFORM ALL REQUIRED TASKS. CONTRARY TO THIS, THE PREOP TEST PROCEDURE, SPO-59-001 FOR CONTAINMENT SPRAY DOES NOT IDENTIFY THE INSTRUMENTS AND SWITCHES ON THE ENGINEERING SAFETY FEATURES PANEL (CP-8) BY THE SAME IDENTIFICATION NUMBER AND/OR DESCRIPTION THAT THEY ARE LABELED WITH ON THE PANEL. |
| 020183 | 022883 | 370347B | 1             |                        | [11] 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -   |
| 041682 | 051582 | 370350B | 1             |                        | 현 하고 있는 이번에 가지 않는 바람은 이번 얼마나다.   |
| 051682 | 071582 | 370350B | 2             |                        | 하는 경식 사내가 시작성들을 제하고 하는 사람들   |
| 021682 | 031582 | 370370B | 2             | -                      | 및 경기 이 경험이 되었다. 그는 생각하다 그 나라면 나와 기다리   |
| 031682 | 041582 | 370370B | 2             | 4                      | ACCOMPLISHING WORK ON SAFETY-RELATED PIPING INSTALLATIONS WITHOUT DOCUMENTATION. CRITERION V OF 1 OCFR50, APP B, REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS OR PROCEDURES. CONTRARY TO THIS REQUIREMENT, SAFETY-RELATED COMPONENT COOLANT WATER PIPING SWAY STRUTS, CC-RR-162 AND CC-RR-1662 WERE OBSERVED ON APR 10, 1982 TO BE DISCONNECTED AT ONE END. TOMPKINS-BECKWITH RECORDS SHOWED THESE SWAY STRUTS TO BE COMPLETED AT THAT IT ME AND DID NOT INDICATE THAT ANY WORK WAS IN PROGRESS ON THEM OR THAT THE SWAY STRUT REMOVAL HAD  |

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| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |  |
|--------------|--------|---------|---------------|------------------------|--|--|
| 031682       | 041582 | 370370B | 2             | 4                      | BEEN ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS OR PROCEDURES.  FAILURE TO FOLLOW PROCEDURES FOR ACCOMPLISHING WO RK ON SAFETY-RELATED PIPING INSTALLATIONS: CRITE RION V OF 10 CFR50, APP B, REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANCE WITH PRESCRIBED INSTRUCTIONS OR PROCEDURES. FIELD CHANGE REQUEST NO. FCR-CH-1156, R2, TO SPECLOU 1564.468, R1, REQUIRES THAT THE MINIMUM DISTANCE FROM CONCRETE EDGES FOR DRILLED-IN EXPANSION BOLTS SHALL BE FIVE-BOLT DIAMETERS. CONTRARY TO THIS, AN EXPANSION ANCHOR BOLT IN THE NORTHEAST ANCHOR PLATE FOR SAFETY-INJECTION PIPING SPRING HANGER SI-SH-52 LOCATED IN SAFETY INJECTION ROOM 'A' OF THE RAB ON THE -E5 FT LEVEL DOES NOT MEET THE MINIMUM REQUIREMENT OF FIVE-BOLT DIAMET ERS SPACING FROM THE CONCRETE EDGE. |  |
| 010183       | 013183 | 370433B | 1             |                        |  |  |
| 020183       | 022883 | 370433B | 1             |                        |  |  |
| 070183       | 083183 | 370434B | 1             |                        |  |  |
| 090183       | 093083 | 370434B | 1             |                        |  |  |
| 010183       | 013183 | 370438B | 1             | - 1                    | 내용하다 가는 내 보면서 그런 네이트 가는 시간을 다  |  |
| 020183       | 022883 | 370438B | 1             |                        | 우리 회사 보는 이번 살아왔다면 살아 보는 것이 되었다.  |  |
| 030183       | 043083 | 370438B | 1             |                        | 살았다. 그리는 나를 하게 하면 되는 것이 없는데 하는데 없다.  |  |
| 050183       | 053183 | 370439B | 2             |                        | HEAD NEW YORK NEW YORK NOW THE SECOND  |  |
| 071681       | 081581 | 370440B | 1             | -                      |  |  |
| 081681       | 091581 | 370440B | 2             | •                      | CRITERION V, 10CFR50, APP B, REQUIRES THAT ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY PROCE DURES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLIS HED IN ACCORDANCE WITH THESE PROCEDURES. (A)"STATI ON BATTERY WEEKLY MAINTENANCE" ME-4-201, AND "STATION BATTERY QUARTERLY MAINTENANCE" ME-4-211, REQUIRE THAT THE CELLS OF THE STATION BATTERIES NOT BE OVERFILLED. CONTRARY TO THE ABOVE, ON 8/17/81, THE NRC INSPECTORS OBSERVED THAT THE CELLS OF STATION EMERGENCY BATTERIES A, B AND A/B HAD BEEN OVERFILLED. (B) "STATION BATTERY WEEKLY MAINTENANCE" ME-4   |  |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|--------|---------|---------------|------------------------|---|
| 081681       | 091581 | 370440B | 2             | 4                      | -201, AND "STATION BATTERY QUARTERLY MAINTENANCE" ME-4-211, REQUIRE THAT MINOR DEFICIENCIES THAT CAN BE CORRECTED, BE CORRECTED AND THAT MAJOR DEFICIE NCIES BE IDENTIFIED ON A CONDITION IDENTIFICATION WORK AUTHORIZATION (CIWA) FOR EVALUATION AND REPAI R. CONTRARY TO THE ABOVE, ON 8/17/81, THE NRC INSP ECTOR OBSERVED THAT A CIWA HAD NOT BEEN WRITTEN FO R THE A BATTERY. (C) STARTUP ADMINISTRATIVE PROCED URE SAP-08, "CONDITION IDENTIFICATION AND CORRECTI VE ACTION" REQUIRES THAT QC REVIEW EACH CIWA PER U NT-1-007, "PREPARATION AND PROCESSING DISCREPANCY NOTICES AND NONCONFORMANCE REPTS." CIWA 810990 WAS NOT REVIEWED BY QC AND CIWA 810775 WAS IMPROPERLY REVIEWED. |
| 101681       | 111581 | 370440B | 2             |                        | [12:54 : 1] 상급하고있는 보고 있는 그는 생각 말이 되는 것이다.   |
| 111681       | 121581 | 370441B | 2             |                        |   |
| 121681       | 021582 | 3704418 | 2             |                        | 나는 하는 살이 보는 아이에 하는 모든 내가 되었다.   |
| 071682       | 091582 | 370443B | 1             |                        |   |
| 020183       | 022883 | 370443B | -1            |                        |   |
| 020183       | 022883 | 370447B | 1             |                        |   |
| 060183       | 063083 | 370454B | 2             |                        |   |
| 070183       | 083183 | 370454B | 1             |                        |   |
| 060183       | 063083 | 3705478 | ,             |                        |   |
| 120182       | 123182 | 3713018 | 1             | -                      |   |
| 121681       | 021582 | 371302  | 2             |                        |   |
| 021682       | 031582 | 371302  | 2             | 5                      | CRITERION V OF 10CFR 50, APP B, STATES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY IN STRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPR OPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO CARE AND MAINTENANCE INSTRUCTIONS REQUIRE THAT EQUIPMENT BE PROTECTED FROM DAMAGE. CONTRARY TO THE ABOVE, THE NRC INSPECTOR OBSERVED ON MARCH 14, 1982, THAT THE FOLLOWING CONDITIONS EXISTED: 1. CA  |

| FROM<br>DATE | TO<br>DATE | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   | 1 |
|--------------|------------|---------|---------------|------------------------|--|---|
| 021682       | 031582     | 371302  | 2             | 5                      | BLES ENTERING EMERGENCY DIESEL GENERATOR, 3B-S, GENERATOR CONTROL AND RELAY PANEL THRU A VERTICAL CONDUIT RUN IN THE FLOOR OF THE CABINET APPEAR TO HAVE BEEN STEPPED ON IN THAT THE CABLE INSULATION WAS FLATTENED WHERE IT EXITED FROM THE CONDUIT. THE CABLES ARE UNPROTECTED FROM THE CONDUIT TO THE TERMINAL BOARD AREA ON THE SIDE OF THE PANEL. THE CABLES ARE 32366J-SB, 32366G-SB, AND 32366F-SB (2 CABLES). 2, JUNCTION BOX COVERS WERE NOT INSTALLED ON EMERGENCY DIESEL GENERATOR 3B-S, JUNCTION BOXES JB-1 AND JB-2.  | - |
| 041682       | 051582     | 371302  | 1             |                        | [[생물] [[[생생] [[생] [[생] [[생] [[생] [[생] [[   |   |
| 051682       | 071582     | 371302  | 2             |                        |  |   |
| 091682       | 103182     | 371302  | 2             | 5                      | FAILURE TO FOLLOW PROCEDURES DURING THE STEAM GEN ERATOR HYDROSTATIC TEST: CRITERION V OF 10 CFR 50, APPENDIX B, REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANCE WITH PRESCR IBED INSTRUCTIONS OR PROCEDURES. 1. PROCEDURES SITED 125, "STEAM GENERATOR HYDROSTATIC TEST," SECTION 7.2.1.2.1 REQUIRES THAT A 2-INCH FIREHOSE BE ATTACHED TO THE VENT RIG FITTING AT 2MS-V668-1 (MS-101A). THE HOSE WAS TO BE ROUTED TO THE CONTAINMENT SUMP TO ALLOW THE EXCESS WATER TO BE COLLECTED. CONTRARY TO THE ABOVE, THE 2-INCH FIREHOSE WAS NOT ATTACHED TO THE VENT RIG FITTING AND, AS A RESULT, WHEN STEAM GENERATOR 1 WAS TOPPED OFF A SUBSTANTIAL AMOUNT OF WATER WAS ALLOWED TO SPRAY INTO THE CONTAINMENT. 2. PRIOR TO STEAM GENERATOR 1 PRESSURIZATION, SECTION 7.2.1.3.5 OF THE SAME PROCEDURE CALLED FOR THE MANUAL VENT ON THE TEMP ORARY RELIEF/HEISE GAUGE RIG TO BE SHUT WHEN WATER ISSUED FROM STEAM GENERATO? 1. ATTACHMENT 8.1.5 OF PROCEDURE SIT-TP-125 SHOWS THE MANUAL VENT (SG1) IS UPSTREAM OF THE RUPTURED DISK. CONTRARY TO THE ABOVE, THE MANUAL VENT (SG1) WAS NOT SHUT BUT INSTEAD, VENT (SG3), WHICH IS DOWNSTREAM OF THE RUPTURE DISK, WAS SHUT. THE RESULT OF THIS ACTION WAS THE RUPTURE DISK RUPTURED AND WATER WAS SPRAYED INTO THE CONTAINMENT BECAUSE IT HAD NOT BEEN VALVED OUT AS INTENDED BY THE PROCEDURE. |   |
| 110182       | 113082     | 371302  | . 1           |                        |  |   |
| 120 182      | 123182     | 371302  | 1             |                        | 열 선생님이 되었다. 그런 이 모르는 사람이 되었다.  |   |

or Corrected

| TEXT   | N/<br>Y TEXT  | DEVIATION/<br>SEVERITY | FIND-<br>INGS | MODULE# | DATE   | FROM<br>DATE |
|--|---|------------------------|---------------|---------|--------|--------------|
|  |   |                        | 1             | 371302  | 013183 | 010183       |
|  |   |                        | 1             | 371302  | 022883 | 020183       |
|  |   |                        | 1             | 371302  | 043083 | 030183       |
|  |   |                        | 2             | 371302  | 053183 | 050183       |
| AILURE TO FOLLOW PROCEDURE FOR REACTOR VESSEL ST D REMOVAL: CRITERION V OF 10 CFR 50, APP B, REQU RES THAT ACTIVITIES AFFECTING QUALITY SHALL BE P ESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, DR DRAWINGS AND SHALL BE ACCOMPLISHED IN ACCORDA CE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWI GS. LOUISIANA POWER & LIGHT COMPANY PLANT OPERAT NG MANUAL PROCEDURE MM-8-014, REV 0, "REACTOR VE ESEL HEAD STUD REMOVAL" PARAGRAPH 8.5, DIRECTS TH SPECIFIC USE OF A STUD WRENCH AND OTHER TOOLS S PPLIED BY COMBUSTION ENGINEERING, INC. FOR STUD EMOVAL. CONTRARY TO THE ABOVE, ON JUNE 7, 1983, HE NRC INSPECTOR OBSERVED STUD REMOVAL PERFORMED AITH DIAMOND POWER SPECIALTY CORP AIR-POWERED ST D HANDLING TOOLS RATHER THAN THE COMBUSTION ENGI EERING TOOLS THAT ARE SPECIFICALLY DESIGNATED IN PROCEDURE MM-8-014, REV 0. THERE WAS NO TEMPORAR PROCEDURAL CHANGE MADE TO ACCOMODATE DEVIATION ROM THE ESTABLISHED PROCEDURE. | UD REMOVAL: CRITERION V OF 10 CFR 50 IRES THAT ACTIVITIES AFFECTING QUALI RESCRIBED BY DOCUMENTED INSTRUCTIONS OR DRAWINGS AND SHALL BE ACCOMPLISH NCE WITH THESE INSTRUCTIONS, PROCEDUNGS. LOUISIANA POWER & LIGHT COMPANY ING MANUAL PROCEDURE MM-8-014, REV 0 SEL HEAD STUD REMOVAL" PARAGRAPH 8. E SPECIFIC USE OF A STUD WRENCH AND UPPLIED BY COMBUSTION ENGINEERING, I REMOVAL. CONTRARY TO THE ABOVE, ON J THE NRC INSPECTOR OBSERVED STUD REMOWITH DIAMOND POWER SPECIALTY CORP A UD HANDLING TOOLS RATHER THAN THE CONTERNO TOOLS THAT ARE SPECIFICALLY PROCEDURE MM-8-014, REV 0. THERE WA | 5                      | 2             | 37 1302 | 063083 | 060183       |
| 아이 이 그렇게 되었다면 느낌들이 얼마라는 어때의 그리고 하나 모양이 가지 않는데  |   |                        | . 1           | 371302  | 083183 | 070183       |
| 가상 내용하는 얼마나 하면 하셨습니까? 그렇게 살아가 되었다면 하다 하는 것이다.  |   |                        | 1             |         | 093083 |              |
| 30 2 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H - 1 H -   |   |                        | 1             | 371302C | 091580 | 081680       |
|  |   |                        | 1             | 371302C | 101580 | 091680       |
|  |   |                        | 1             | 371302C | 111580 | 101680       |
| 하고 일본하다 전하고 되었다. 그런 이 모르는 가 보겠다면 하는 그를 되었다면 하다.  |   |                        | 1             | 371302C | 121580 | 111680       |
|  |   |                        | 1             | 371302C | 011581 | 121680       |
|  |   |                        | 1             | 371302C | 021581 | 011680       |
|  |   |                        |               |         |        |              |

| FROM<br>DATE | DATE   | MODULE#  | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |
|--------------|--------|----------|---------------|------------------------|--|
| 031681       | 041581 | 371302C  | 1             |                        |  |
| 041681       | 051581 | 371302C  | 1             |                        |  |
| 051681       | 061581 | 371302C  | 2             |                        |  |
| 061681       | 071581 | 37 1302C | 2             | 5                      | CRITERION V OF THE 10 CFR 50, APPENDIX B, STATES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. STARTUP ADMINISTRATIVE PROCEDURE, SAP-10, TEMPORARY SYSTEM MODIFICATION, IN SECTION 4.4.4 REQUIRES THAT TEMPORARY SYSTEM MODIFICATION TAGS HAVE WRITTEN ON THEM, (1) THE DATE THE MODIFICATION WAS PERFORMED, (2) THE NAME OF THE PERSON MAKING THE MODIFICATION AND (3) THE MODIFICATION DESCRIPTION. CONTRARY TO THE ABOVE, ON JUNE 30, 1981 THE NRC INSPECTORS OBSERVED THAT TEMPORARY MODIFICATION TAGS 50A3, INTERNS 12 AND 32, LOCATED IN CABINETS 31 AND 40 RESPECTIVELY ON THE -15.5 LEVEL OF THE REACTOR AUXILIARY BUILDING (RAB) DID NOT INCLUDE THE DATE THE MODIFICATION WAS PERFORMED, THE NAME OF THE PERSON MAKING THE MODIFICATION DESCRIPTION. THIS IS A SEVER ITY LEVEL V VIOLATION. (SUPPLEMENT I.E.). |
| 071681       | 081581 | 371302C  | 1             |                        | 강하다 가장이 그렇게 하는 것이 되었다.   |
| 081681       | 091581 | 371302C  | 2             | 5                      | CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVIT IES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPRI ATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE IN STRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO CARE AND MAINTENANCE INSTRUCTIONS (CMI) FOR THE SAFETY-RE LATED EQUIPMENT REQUIRE THAT MOTOR SPACE HEATERS BE ENERGIZED, THAT EQUIPMENT BE PROTECTED FROM DAMA GE AND THAT DUST COVERS BE PROVIDED. CONTRARY TO THE ABOVE, ON SEPT 3 & 4, 1971, THE NRC INSPECTORS OBSERVED THAT: (A) MOTOR SPACE HEATERS WERE NOT ENERGIZED AS REQUIRED ON: LOW PRESSURE SAFETY INJECTION (LPSI) A, CONTAINMENT SPRAY PUMP B, CHARGING PUMPS (CVCS) A, B, AND A/B. (B) SIGHT GLASSES WERE BROKEN ON CHARGING PUMPS A & B. (C) DIST COVERS WERE MISSING FROM OPENINGS ON CONTAINMENT SPRAY PUMP MOTOR A.   |

| FROM<br>DATE | TO<br>DATE | MODULE#  | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT   |  |
|--------------|------------|----------|---------------|------------------------|--|--|
| 091681       | 101581     | 37 1302C | 2             | 5                      | CRITERION V OF 10CFR 50 APP B STATES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTRUCTIONS OR PROCEDURES OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS OR PROCEDURES. EBASCO CARE AND MAINTENANCE INSTRUCTIONS (CMI) FOR THE SAFETY-RELATED EQUIPMENT REQUIRE THAT HEATERS BE ENERGIZED, EQUIPMENT BE PROTECTED FROM DAMAGE, DUST COVERS BE PROVIDED, AND VALVE OPENINGS BE PROTECTED UNTIL PIPING IS READY TO BE CONNECTED. CONTRARY TO THE ABOVE, THE NRC INSPECTORS OBSERVED AT VARIOUS TIMES DURING THE PERIOD OF SEPT 16 - OCT 15, 1981, THAT THE FOLLOWING CONDITIONS EXISTED: (A)MOTOR SPACE HEATERS WERE NOT ENERGIZED AS REQUIRED ON FOUR SAFETY-RELATED MOTOR OPERATED VALVES. (B)A WARM AIR BLOWER WAS NOT ENERGIZED AS ROUTED FOR THE HEATER TERMINALS ON THE UNDERSIDE OF THE PRESSURIZER. (C)A TEMPERATURE DETECTOR WAS BROKEN OFF ON COMPONENT COOLING WATER PUMPB. (D)COMPONENT COULING WATER PUMPB. (D)COMPONENT COULING WATER PUMPB. (D)COMPONENT COULING WATER PUMPB. (D)COMPONENT COVERS WERE NOT IN PLACE TO PROVIDE PROTECTION FOR FOUR SAFETY-RELATED MOTOR OPERATED VALVES. (F)DUST AND PROTECTIVE COVERS MISSING FROM EQUIPMENT. |  |
| 101681       | 111581     | 371302C  | 2             |                        | [1957] 그리고 말을 가는 사람이 모든 그래 되었다.  |  |
| 111681       | 121581     | 371302C  | 2             |                        | 어떤 사람들은 가장이 기뻐지 않는데 말했습니다. 하나 되었다.   |  |
| 031682       | 041582     | 371302C  | 2             | -                      |  |  |
| 071682       | 091582     | 371302C  | 1             | -                      | 보통에 있는 가장에 있는 것이었다. 그 나는 그 나를 다 다니는 가장이다.  |  |
| 101882       | 102082     | 380310B  | 1             |                        | 경기 살이 없었는 경험 살아왔다. 그는 그는 것이 되었다고 있다.   |  |
| 101882       | 102082     | 380320B  | 1             |                        | 하는 사람들은 살이 없는 것이 없는 것이 없는 것이 없는 것이 없어?   |  |
| 082283       | 082683     | 380320B  |               |                        | 얼마나 어디에 가는 그는 것이 없었다. 그 하고 그는 것 같아요.   |  |
| 011183       | 011283     | 382310B  | 1             |                        |  |  |
| 052881       | 052981     | 383310B  | -1            |                        |  |  |
| 011783       | 012183     | 383315   | 1             | 4 - 45                 | 생활 장에 모든 이 남자를 받았다. 나는 이 아이를 보는 것이 없는데   |  |
|              |            |          |               |                        |  |  |

| FROM   | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT |   |  |
|--------|--------|---------|---------------|------------------------|------|---|--|
| 071183 | 071583 | 383315  | 1             |                        |      |   |  |
| 030582 | 030982 | 383315B | 1             |                        |      |   |  |
| 052881 | 052981 | 384310B | 1             |                        |      |   |  |
| 042682 | 043082 | 384330B | 1             |                        |      |   |  |
| 12483  | 012883 | 384330B | 1             |                        |      |   |  |
| 062/83 | 070183 | 384330B | 1             |                        |      | - |  |
| 042682 | 043082 | 384331B | 1             |                        |      |   |  |
| 012483 | 012883 | 384331B | 1             |                        |      |   |  |
| 062783 | 070183 | 384331B | 1             | 게 되지 않아내려              |      |   |  |
| 050382 | 050782 | 384332B | 1             |                        |      |   |  |
| 022883 | 030383 | 384332B | 1             |                        |      |   |  |
| 121681 | 021582 | 391300B | 2             |                        |      |   |  |
| 120182 | 123182 | 391300B | 1             |                        |      |   |  |
| 030582 | 030982 | 392701B | 1             |                        |      |   |  |
| 041682 | 051582 | 392701B | 1             |                        |      |   |  |
| 011783 | 012183 | 3927018 | 1             |                        |      |   |  |
| 022883 | 030383 | 392701B |               |                        |      |   |  |
|        |        | 392701B | 1             |                        |      |   |  |
|        |        | 392702B | 2             |                        |      |   |  |
|        |        | 392704B | 2             |                        |      |   |  |
|        |        | 3927058 | 2             |                        |      |   |  |
|        |        | 392706B |               |                        |      |   |  |
|        |        | 392706B | 1             |                        |      |   |  |

| FROM<br>DATE | DATE   | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |
|--------------|--------|---------|---------------|------------------------|---|
| 042980       | 050180 | 392706B | 1             |                        |   |
| 111680       | 121580 | 392706B | . 1           | 100                    |   |
| 051681       | 061581 | 392706B | 2             | 5                      | CRITERION V OF 10 CFR 50, APPENDIX B, STATES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO CONSTRUCTION DRAWINGS LOU-1564 G-194 AND G-207 REQUIRE THAT PIPE SPOOLS 2 CH 3-80 A/B-12 AND 2 CH 3-80 A/B-11 BE SLEEVED WHERE THEY PASS THROUGH CONCRETE WALLS. CONTRARY TO THE ABOVE, ON JUNE 9, 1981, THE NRC INSPECTOR OBSERVED THAT THE ABOVE PIPE SPOOLS HAD BEEN INSTALLED WITHOUT PIPE SLEEVES AND THAT THEY WERE EMBEDDED IN THE CONCRETE WALLS.   |
| 061681       | 071581 | 392706B | 2             | 6                      | CRITERION V OF 10 CFR 50, APPENDIX B, STATES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OR DRAWINGS. THE WATERFORD-3 FSAR (17.2.6.2) AND QUALITY ASSURANCE MAN UAL-PREOPERATIONAL AND OPERATIONAL PHASE REQUIRES THAT OBSOLETE OR SUPERCEDED DOCUMENTS SHALL BE CONTROLLED BY APPROVED WRITTEN PROCEDURES TO PREVENT INADVERTENT USE. CONTRARY TO THE ABOVE, ON JULY 13, 1981 THE NRC INSPECTOR OBSERVED THAT QP-1-002, STATION QC REVIEW OF SYSTEM RELEASE AND TURNOVER PACKAGES, WAS NOT CONTROLLED IN THAT NO APPROVED WRITTEN PROCEDURES EXISTED THAT DESCRIBED HOW THIS OBSOLETE PROCEDURE WAS TO BE CONTROLLED AND IT WAS A VAILABLE FOR USE IN THE PLANT OPERATING MANUAL FOR OVER THREE MONTHS AFTER IT WAS DELETED ON APRIL 3, 1981. THIS IS A SEVERITY LEVEL VI VIOLATION. (SUPPLEMENT I.F.). |
| 071681       | 081581 | 392706B | 1             |                        |   |
| 081681       | 091581 | 392706B | 2             |                        | 어린다는 그는 아들이 가는 건강을 보고 있는데   |
| 091681       | 101581 | 392706B | 2             | -                      |   |
| 101681       | 111581 | 392706B | 2             | 4                      | CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI   |

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101681 111581 392706B 2 4

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ES AFFECTING QUALITY SHALL BE PRESCRIBED BY INSTR UCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPROPR TATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVITI ES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES OF DRAWINGS. (A) EBASCO PROCEDURE ASP-IV-18, "RECEIVING, STORAGE, ISSUING AND CONTROL OF WELDING ELECTRODES AND FILLER MATE RIALS," REQUIRES THAT LOW HYDROGEN TYPE WELDING E LECTRODES (7018) SHALL BE STORED IN OVENS AT 225 DEG F, +25 DEG F, FOR A MINIMUM OF 8 HRS PRIOR TO ISSUE OR REISSUE. AT THE END OF EACH SHIFT, OR IF THE ELECTRODES ARE EXPOSED TO AMBIENT TEMPERATUR F FOR MORE THAN 4 HRS, THE UNDAMAGED ELECTRODES A RE TO BE RETURNED TO THE OVENS. CONTRARY TO THE A BOVE. THE NRC INSPECTORS OBSERVED THAT ABOUT 50 U NUSED 7018 WELDING ELECTRODES HAD NOT BEEN RETURN ED TO THE STORAGE OVENS AFTER THE END OF THE WORK SHIFT. THESE FINDINGS WERE MADE ON 10/20/81 AND 1 0/27/81. (B) ON 10/20/81 AND 10/27/81 THE NRC INS PECTORS ALSO DISCOVERED SEVERAL DAMAGED ELECTRODE S AND STUBS. THESE FINDINGS ALSO INDICATE NOT FOL LOWING SECT 6.4.6 OF EBASCO PROCEDURE ASP-IV-18, "RECEIVING, STORAGE, ISSUING AND CONTROL OF WELDI NG ELECTRODES AND FILLER MATERIALS." WHICH REQUIR ES THAT ELECTRODES OR ROD STUBS AND DAMAGED ELECT RODES BE DEPOSITED IN CONTROLLED CONTAINERS. CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI TIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INS TRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPRO PRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVI TIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE SE INSTRUCTIONS, PROCEDURES OR DRAWINGS. SECT. 6. 3.1.1 OF TOMPKINS-BECKWITH PROCEDURE TBP-29, "PIP ING SYSTEM CLEANLINESS PROCEDURE" REQUIRES THAT D URING RECEIPT, TRANSPORTATION, HANDLING, AND INST ALLATION, OPENINGS AND PIPE ENDS SHALL BE SEALED AT ALL TIMES EXCEPT WHEN THEY MUST BE UNSEALED TO CARRY OUT NECESSARY OPERATIONS. CONTRARY TO THE ABOVE, FROM SEPT 23-OCT 28 1981, THE NRC INSPECTO RS OBSERVED THAT BOTH THE SUCTION AND DISCHARGE L INES FOR FUEL POOL PUMP A HAD NOT BEEN SEALED. FU RTHER INVESTIGATION BY THE NRC INSPECTORS REVEALE D THAT THE PIPING HAD BEEN OPEN SINCE AUG 29, 198 1 AND THAT ON SEPT 25, AND AGAIN ON OCT 9, 1981, THAT TOMPKINS-BECKWITH INSPECTORS HAD COMPLETED S URVEILLANCE REPORTS INDICATING THAT ALL COMPONENT OPENINGS IN THE AREA WERE CAPPED OR COVERED.

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CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI TIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INS TRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPRO PRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVI TIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE SE INSTRUCTIONS, PROCEDURES OR DRAWINGS. SECT 6.3 .1.1 OF TOMPKINS-BECKWITH PROCEDURE TBA-29, "PIPI NG SYSTEM CLEANLINESS PROCEDURE, " REQUIRES THAT D URING RECEIPT, TRANSPORTATION, HANDLING, AND INST ALLATION, OPENINGS AND PIPE ENDS SHALL BE SEALED AT ALL TIMES EXCEPT WHEN THEY MUST BE UNSEALED TO CARRY OUT NECESSARY OPERATIONS. CONTRARY TO THE A BOVE, ON DEC 3, 1981, THE NRC INSPECTOR OBSERVED THE FOLLOWING: A. COMPONENT COOLING WATER PIPE 3CC 4-56A2-1 HAD NOT BEEN SEALED AFTER BEING DISCONNE CTED FROM REACTOR COOLANT PUMP 2A. THE CORRESPOND ING PIPE ON THE REACTOR COOLANT PUMP 2A HAD ALSO NOT BEEN SEALED. B. PRESSURIZER SPRAY PIPE 1RC3-1 3B, WHICH HAD NOT BEEN COMPLETED, WAS NOT SEALED ON THE +46-FOOT LEVEL IN THE PRESSURIZER ROOM. CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI TIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INS TRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPRO PRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIVI TIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE SE INSTRUCTIONS, PROCEDURES OR DRAWINGS. EBASCO C ARE AND MAINTENANCE #31 R7 REQUIRES THAT A DRY NI TROGEN BLANKET OR PURGE BE MAINTAINED ON THE PRES SURIZER. EBASCO CARE AND MAINTENANCE INSTRUCTION #32 R7 REQUIRES THAT A DRY NITROGEN PURGE BE ESTA BLISHED ON THE SECONDARY SIDE OF THE STEAM GENERA TORS AFTER THE MAIN STEAM AND FEEDWATER PIPING HA S BEEN CONNECTED TO THE SECONDARY SIDE NOZZLES. C ONTRARY TO THE ABOVE, ON NOV 24, 1981, THE NRC IN SPECTORS OBSERVED THE FOLLOWING: A. THE PRESSURIZ ER HAD NEITHER A NITROGEN BLANKET OR PURGE ESTABL ISHED. B. THE STEAM GENERATORS DID NOT HAVE A NIT ROGEN PURGE ESTABLISHED AFTER THE MAINSTEAM AND F EEDWATER PIPING WAS CONNECTED TO THE SECONDARY SI DE NOZZLES.

111681 121581 392706B 2

CRITERION V OF 10CFR50, APP B, STATES THAT ACTIVI TIES AFFECTING QUALITY SHALL BE PRESCRIBED BY INS STRUCTIONS, PROCEDURES OR DRAWINGS OF A TYPE APPR OPRIATE TO THE CIRCUMSTANCES AND THAT THESE ACTIV ITIES SHALL BE ACCOMPLISHED IN ACCORDANCE WITH TH 121681 021582 392706B

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|       |          |         |               |                        |   | ı |
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| FROM  |          | MODULE# | FIND-<br>INGS | DEVIATION/<br>SEVERITY | TEXT  |   |
| 11168 | 1 121581 | 392706B | 2             | 4                      | ESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. STARTU P ADMINISTRATIVE PROCEDURE SAP-10, "TEMPORARY SYS TEM MODIFICATION," IN SECT. 4.4.1.1 REQUIRES THAT ELECTRICAL JUMPERS, BYPASSES, AND LIFTED ELECTRI CAL LEADS BE DOCUMENTED AS TEMPORARY MODIFICATION S IF THE MODIFICATION IS TO BE LEFT IN FLACE BEYO ND A SINGLE SHIFT. CONTRARY TO THE ABOVE, ON NOV 11, 1981, THE NRC INSPECTORS OBSERVED THE FOLLOWI NG WHERE AN ELECTRICAL JUMPER, BYPASS AND 'IFTED ELECTRIC LEADS HAD NOT BEEN IDENTIFIED BY A TEMPO RARY MODIFICATION TAG: A. A TEMPORARY ELECTRIC RE CEPTACLE HAD BEEN CONNECTED TO A POWER DISTRIBUTI ION PANEL 362-SAB IN 480V MCC3AB 311-S. B. CABLE 3256X-SAB LEADS HAD BEEN LIFTED IN POWER DISTRIBUTION PANEL 3.B-DC-S AND A JUMPER FROM A TEMPORARY PANEL CONNECTED TO THE TERMINALS FROM WHICH THE LEADS HAD BEEN LIFTED. IN EACH CASE STATED ABOVE, THE MODIFICATION HAD NOT BEEN RETURNED TO THE OR IGINAL CONDITION AT THE END OF THE SHIFT. |   |

FAILURE TO FOLLOW INSTRUCTIONS FOR INSTALLATION O F SAFETY-RELATED INSTRUMENTATION SYSTEMS: CRITER ION V OF 10CFR50, APP B, REQUIRES THAT ACTIVITIE S AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANC E WITH INSTRUCTIONS, PROCEDURES, OR DRAWINGS. EB ASCO CONSTRUCTION SPEC IC-1, REV 1, "INSTRUCTION FOR ERECTION OF INSTRUMENTATION SYSTEMS" PARA 5 .3, REQUIRES THAT INSTRUMENT SENSING LINES SLOPE CONTINUOUSLY TOWARD THE INSTRUMENT WITH A 1/4" PER FT MINIMUM. DRAWINGS LOU 1546-B-430 (DTD MAR 19, 1979, "INSTRUMENT INSTALLATION DETAILS" GEN ERAL NOTE 4 ON SHEET 1 OF GENERAL NOTES REQUIRES THAT INSTRUMENT SENSING LINE SLOPES BY 1/4" PER FT MINIMUM. CONTRARY TO THE ABOVE, THE IMPULSE TUBING LINES FOR THE STEAM GENERATOR LEVEL INSTR UMENT VARIABLE EGS AS SHOWN ON THE INSTALLATION ISOMETRIC DRAWINGS AND AS INSTALLED DO NOT MEET THE MINIMUM SLOPING REQUIREMENT. THE SECTIONS O F INSTRUMENT TUBING MHICH DO NOT MEET THIS REQUI REMENT ARE FROM EACH ROOT VALVE (8) AT THE STEAM GENERATORS TO THE POINT WHERE THE INSTRUMENT TU BING PENETRATES THROUGH THE CONCRETE SHIELD WALL FAILURE TO PROTECT SAFETY-RELATED INSTRUMENT TUBI NG DURING IN-PLACE STORAGE: CRITERION V OF 10CFR5 O. APP B. REQUIRES THAT ACTIVITIES AFFECTING QUAL

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|--------|--------|---------|---------------|------------------------|---|-----------|
| 031682 | 041582 | 392706B | 2             | 4                      | ITY BE ACCOMPLISHED IN ACCORDANCE WITH INSTRUCTION NS, PROCEDURES, OR DRAWINGS. EBASCO CONSTRUCTION SPEC IC-1, REV 1, "INSTRUCTION FOR ERECTION OF IN STRUMENTATION SYSTEMS" PARA 11.0, STATES IN PART THAT PROTECTION SHALL BE PROVIDED TO ENSURE THAT MATERIALS AND INSTRUMENTS WILL BE PROTECTED FROM ANY DETERIORATION DUE TO LONG-TERM STORAGE. CONTR ARY TO THE ABOVE, THE STEAM GENERATOR LEVEL INSTRUMENTATION TUBING LINES ARE NOT PROTECTED AND HAVE BEEN BENT AS A RESULT OF CONSTRUCTION ACTIVITY IN THE AREAS WHERE THE TUBING RUNS ARE LOCATED. | 1. comet. |
| 071682 | 091582 | 392706B | 1             |                        |   |           |
| 110182 | 113082 | 392706B | 1             |                        | 아 전기가 하는 아이 아이는 아들은 병원 내용하다.  |           |
| 012483 | 012883 | 392706B | 1             |                        | 이 이렇게 되었다. 아래 이 이 아름이다. 이 (하네)  |           |
| 050183 | 053183 | 392706B | 2             |                        | 엄마 내가 있다. 아이들은 아이들은 얼마를 하는데 나를 하는데 없다.  |           |
| 060183 | 063083 | 392706B | 2             |                        | 어린 그 그리고 아니는 아니는 그렇게 하고 그렇게 되었다.  |           |
| 062783 | 070183 | 392706B | 1             |                        | 그리면 되는 것이 하는데 그 이 가입니다. 그래바네네네다   |           |
| 021683 | 021783 | 392713B | 1             |                        | 잃었다. 여러 이번 이번 생각한 보다 본 이 번 제대를 받다.  |           |
| 042183 | 042183 | 3927138 | 1             |                        | [[일] 이번 시민 시민 시민 시민 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]   |           |
| 070183 | 083183 | 392713B | 1             |                        | 아이들 아이들 아이들 때문에 가장 아이들 때문에 되었다.   |           |
| 091681 | 101581 | 393701B | 2             |                        | 사이를 잃었다. 이번 시간 사람들은 보다 하는 것이 없는 것이 없는 것이 없다.  |           |
| 030183 | 043083 | 394300B | 1             |                        | 뭐!걸음!뭐하다 하다 하다 그 말씀하다고 하다. 그렇다 그렇   |           |
| 050183 | 053183 | 394300B | 2             |                        | 맞춰 맛이 맛있다. 그는 맛이 이 그는 것 같아 그리고 하다.  |           |
| 061681 | 071581 | 394700B | 2             |                        | [사람이 다양이 얼마나 하나 하나 하다] 그 그런 그렇게 다 다 다 되었다.  |           |
| 042183 | 042183 | 430703B | 1             | - 24-                  | [14] [14] [16] [16] [16] [16] [16] [16] [16] [16  |           |
| 070183 | 083183 | 470452B | 1             |                        | 무지하게 뭐하다 하다 하나 나를 하는 것 같아 나가 되었다.   |           |
| 042183 | 042183 | 481170B | 1             |                        | 도 없는데 없어요 그 그 모이 그 그 그 그리고 말하는데 하다.   |           |
| 120182 | 123182 | 530703  | . 1           |                        |   |           |
| 073180 | 112180 | 530703B | 1             | -                      |   |           |

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| 061180       | 061180     | 530703B   | 1             |                        |      |  |  |
| 051182       | 052782     | 530703B   | 1             |                        |      |  |  |
| 052582       | 052782     | 530703B   | 1             |                        |      |  |  |
| 083182       | 010383     | 530703B   | 1             |                        |      |  |  |
| 100482       | 100882     | 530703B   | 1             |                        |      |  |  |
| 101882       | 102082     | 530703B   | 1             |                        |      |  |  |
| 082283       | 082683     | 530703B   | 1             |                        |      |  |  |
| 042883       | 043083     | 56 17 19  | 1             |                        |      |  |  |
| 061180       | 061180     | 581121B   | 1             |                        |      |  |  |
| 051182       | 052782     | 581122B   | 1             |                        |      |  |  |
| 051182       | 052782     | 581134B   | 1             |                        |      |  |  |
| 051182       | 052782     | 581142B   | 1             |                        |      |  |  |
| 021683       | 021783     | 581475B   | 1             |                        |      |  |  |
| 021683       | 021783     | 581485B   | 1             |                        |      |  |  |
| 052582       | 052782     | 58 150 1B | 1             |                        |      |  |  |
| 080283       | 080583     | 5907148   | 1             |                        |      | 경기 기속 이번 것   |  |
| 120 182      | 123182     | 592702    | 1             |                        |      |  |  |
| 100482       | 100882     | 592706B   | 1             |                        |      |  |  |
| 101882       | 102082     | 592706B   | 1             |                        |      |  |  |
| 082283       | 082683     | 592706B   | 1             |                        |      | 그림아 아이 나는 아이   |  |
| 061180       | 061,180    | 592713B   | 1             |                        |      | . 1987 - 1987 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 198 |  |
| 051182       | 052782     | 592713B   | - 1           |                        |      |  |  |
| 083182       | 010383     | 592713B   | 1             |                        |      |  |  |

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