



**BOSTON EDISON**  
Executive Offices  
800 Boylston Street  
Boston, Massachusetts 02199

**Ralph G. Bird**  
Senior Vice President — Nuclear

October 30, 1987  
BECO 87-179

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

License DPR-35  
Docket 50-293

UPDATE OF NRC's SAFETY ISSUES MANAGEMENT SYSTEM

Dear Sir:

In response to a letter from Mr. R. H. Wessman (NRC) to me, dated September 24, 1987, we have updated thirty items from the NRC's Safety Issues Management System (SIMS) for the Pilgrim Nuclear Power Station (PNPS). This update is in accordance with NRC guidance, including a telephone conversation between Mr. R. H. Wessman and Mr. J. D. Keyes (BECO) on October 13, 1987.

The updated information provided in Attachment 1 is based on the supporting documentation listed for each issue in Attachment 2, NRC Issues History. Specifically, the dates provided in Attachment 1 for imposition initiation, imposition complete, implementation complete, and verify complete correspond to references provided in Attachment 2 for action initiated, NRC action, BECO implementation complete, and NRC verification complete, respectively. Where no update information was available for the imposition complete date, the entry was unchanged from the original SIMS list. Scheduled implementation complete dates are based on current plans for restart and subsequent normal operation for an 18-month operating cycle. As such, scheduled implementation complete dates are subject to later revision.

Items with implementation complete dates listed as not applicable (N/A) describe issues that either do not apply to PNPS or were preliminary actions that have been superseded by other issues. It is recommended that these items be removed from the SIMS list.

The remaining SIMS items for PNPS will be updated on a schedule to be negotiated with Mr. R. H. Wessman.

*R. G. Bird*  
R. G. Bird

DMV/jcp/1269

cc: See next page

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BOSTON EDISON COMPANY  
October 30, 1987  
U.S. Nuclear Regulatory Commission

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Attachments: 1. Updated List of Thirty Multi-Plant Actions from the NRC's  
Safety Issues Management System  
2. NRC Issues History

cc: Mr. R. H. Wessman, Project Manager  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, MD 20814

U. S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Senior NRC Resident Inspector  
Pilgrim Nuclear Power Station



| PLANT             | DOCKET   | TYPE | NSSS<br>SUPPLIER | THERMAL<br>CAPACITY | LICENSEE      | STATE | REGION | OL<br>ISSUE     | OL<br>EXPIRATION |
|-------------------|----------|------|------------------|---------------------|---------------|-------|--------|-----------------|------------------|
| PILGRIM 1         | 05000293 | BWR  | GE               | 1998 MWT            | BOSTON EDISON | MA    | 1      | 09/72C          | 08/08            |
| APPLICABLE ISSUES |          |      |                  | TITLE               |               |       |        | IMPO.<br>INIT.  | IMPO.<br>COMPL.  |
|                   |          |      |                  |                     |               |       |        | IMPL.<br>COMPL. | VERIFY<br>COMPL. |

|             |      |                                                                        |           |           |           |
|-------------|------|------------------------------------------------------------------------|-----------|-----------|-----------|
| 41          | B-58 | BWR SCRAM DISCHARGE VOLUME SYSTEMS                                     | 12/09/80C | 09/06/84C | 09/06/84C |
| 67.3.3      | A-17 | IMPROVED ACCIDENT MONITORING                                           | 12/17/82C | 01/88     | 08/15/89S |
| 86          | B-84 | LONG RANGE PLAN DEALING WITH STRESS CORROSION CRACKING IN BWR PIPING   | 04/19/84C | 12/04/84C | 05/06/87C |
| A-7         | D-01 | MARK I LONG-TERM PROGRAM                                               | 08/20/80C | 01/30/85C | 04/12/85C |
| A-24        | B-60 | QUALIFICATION OF CLASS IE SAFETY-RELATED EQUIPMENT                     | 01/14/80C | 03/26/85C | 11/30/85C |
| I.A.1.3.1   | F-02 | SHIFT MANNING - LIMIT OVERTIME                                         | 10/31/80C | 06/83C    | 05/24/83C |
| I.C.1.2.B   | F-05 | SHORT-TERM ACCID. & PROCEDURES REV. - INADEQ. CORE COOL. REVISE PROCED | 10/31/80C | N/A       | N/A       |
| I.C.1.3.B   | F-05 | SHORT-TERM ACCID. & PROCEDURES REV. - TRANSIENTS & ACCDNS. REVISE PROC | 10/31/80C | N/A       | N/A       |
| I.C.6       | F-07 | VERIFY CORRECT PERFORMANCE OF OPERATING ACTIVITIES                     | 10/31/80C | 09/87     | 03/26/85C |
| I.D.2.2     | F-09 | PLANT-SAFETY PARAMETER DISPLAY CONSOLE - FULLY IMPLEMENTED             | 12/17/82C | 03/21/85C | 03/30/88S |
| I.D.2.3     | F-09 | PLANT-SAFETY PARAMETER DISPLAY CONSOLE - FULLY IMPLEMENTED             | 12/17/82C | 03/21/85C | 03/30/88S |
| II.D.3.1    | F-19 | VALVE POSITION INDICATION - INSTALL DIRECT INDICATIONS OF VALVE POS.   | 10/31/80C | 04/01/81C | 04/01/81C |
| II.E.4.2.7  | F-19 | CONTAINMENT ISOLATION DEPENDABILITY - RADIATION SIGNAL ON PURGE VALVES | 10/31/80C | 12/87     | 11/30/87S |
| II.F.2.4    | F-26 | INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - INSTALL ADD'L | 10/26/84C | 06/11/85C | 11/30/87S |
| III.A.2.1   | F-67 | UPGRADE PREPAREDNESS - UPGRADE EMERGENCY PLANS TO APP. E. 10 CFR 50    | 10/31/80C | 05/18/83C | 05/18/83C |
| III.A.2.2   | F-68 | UPGRADE PREPAREDNESS - METEOROLOGICAL DATA                             | 10/31/80C | 03/17/86C | 03/17/86C |
| II.K.3.18.A | F-48 | FINAL RECOMMENDATIONS, B&O TASK FORCE - ADS ACTUATION STUDY            | 10/31/80C | 09/04/87C | 11/30/87S |
| II.K.3.18.B | F-48 | FINAL RECOMMENDATIONS, B&O TASK FORCE - ADS ACTUATION PROPOSE MODS     | 10/31/80C | 09/04/87C | 11/30/87S |
| II.K.3.16.C | F-48 | FINAL RECOMMENDATIONS, B&O TASK FORCE - ADS ACTUATION MODIFICATIONS    | 10/31/80C | 09/04/87C | 11/30/87S |
| II.K.3.27   | F-54 | FINAL RECOMMENDATIONS, B&O TASK FORCE - COMMON REF LEVEL               | 10/31/80C | 10/82C    | 11/30/87S |
| II.K.3.46   | F-61 | RESPONSE TO LIST OF CONCERNS FROM ACRS CONSULTANT                      | 10/31/80C | 11/80C    | 12/15/80C |
| II.K.3.57   | F-62 | IDENTIFY WATER SOURCES PRIOR TO MANUAL ACTIVATION OF ADS               | 12/17/82C | C         | 07/29/85C |
| MPA-A-20    | A-20 | 10 CFR 50.62 OPERATING REACTOR REVIEWS                                 | 06/26/84C | 08/05/87C | 11/30/87S |
| MPA-B-41    | B-41 | FIRE PROTECTION - FINAL TECH SPECS (INCLUDES SER SUPPLEMENTS)          | 02/17/81C | 06/10/85C | 11/30/87S |
| MPA-B-45    | B-45 | WASH 1400 EVENT V, "PRIMARY COOLANT SYSTEM PRESSURE ISOLATION VALVES"  | 02/23/80C | 08/08/80C | 08/08/80C |
| MPA-B-62    | B-62 | ESF RESET CONTROL DESIGN DEFICIENCY                                    | 03/17/80C | 02/82C    | 07/08/81C |
| MPA-B-63    | B-63 | INTERIM PROCEDURES FOR SHORT TERM BLACKOUT                             | 02/25/81C | 12/81C    | 09/22/81C |
| MPA-F-65    | F-65 | III.A.1.2 EMERGENCY OPERATIONS FACILITY                                | 12/17/82C | 03/17/86C | 08/13/86C |
| MPA-F-66    | F-66 | III.A.1.2 NUCLEAR DATA LINK                                            | 03/12/80C | N/A       | N/A       |
| MPA-F-71    | F-71 | I.D.1.2 DETAILED CONTROL ROOM REVIEW (FOLLOWUP TO F-8)                 | 12/17/82C | 05/85C    | 08/15/89S |

NRC ISSUES HISTORY

| <u>NRC</u><br><u>References</u>  | <u>Title/Description</u>                                                                                      | <u>RA&amp;P</u><br><u>Resp.</u> | <u>Action</u><br><u>Init.</u>      | <u>BECo</u><br><u>Action</u>    | <u>NRC</u><br><u>Action</u> | <u>Related</u><br><u>Corresp.</u>     | <u>BECo</u><br><u>Impl.</u><br><u>Complete</u> | <u>NRC</u><br><u>Verif</u><br><u>Complete</u>                                                                                                                                                                             | <u>Status</u> |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------|---------------------------------|-----------------------------|---------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| MPA B-58<br>TAC M43848<br>41     | BWR Scram Discharge Volume Systems                                                                            | QGW                             | 1.80.415<br>12/9/80<br>Generic SER | ---                             | ---                         | 1.82.346<br>11/10/82<br>Amend. 65     | 9/6/84<br>Complete                             | Complete.<br>BECo letter<br>2.84.091,                                                                                                                                                                                     | Complete.     |
|                                  | Modify Scram Discharge Volume per<br>requirements of Generic SER, issued by<br>NRC on 12/1/80.                |                                 | 1.81.026<br>1/23/81<br>GL 81-09    | ---                             | ---                         |                                       | Reference:<br>1.84.263<br>9/6/84               | Reference:<br>dated 6/24/84<br>confirmed that<br>dual SDV<br>systems had<br>been installed<br>per Generic<br>SER dated<br>12/1/80. NRC<br>approval of TS<br>Amend. 79,<br>effective<br>9/6/84<br>completed this<br>issue. |               |
| MPA A-17<br>TAC M51119<br>67.3.3 | Regulatory Guide 1.97 Accident<br>Monitoring Instrumentation                                                  | DMV                             | 1.82.366<br>12/17/82<br>GL 82-33   | ---                             | ---                         | NED 86-498<br>6/24/86<br>RAI Response | Restart RFO 8<br>Scheduled                     | Open. Awaiting<br>completion of<br>review by NRC.                                                                                                                                                                         |               |
|                                  | Review accident monitoring<br>instrumentation against Reg. Guide 1.97<br>and show compliance with the intent. |                                 | 2.83.267<br>10/26/83<br>Schedule   | 2.84.187<br>11/1/84<br>Response | ---                         | 4.87.042<br>6/2/87<br>Insp. Schedule  | Reference:<br>2.84.187<br>11/1/84              | Plant<br>modifications<br>scheduled for<br>completion<br>before restart<br>from RFO 8.                                                                                                                                    |               |
|                                  |                                                                                                               |                                 | 1.85.372<br>12/12/85<br>RAI        | 2.87.021<br>2/10/87<br>Response | ---                         |                                       |                                                |                                                                                                                                                                                                                           |               |



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| <u>NRC<br/>References</u>    | <u>Title/Description</u>                                                            | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                  | <u>BECo<br/>Action</u>                 | <u>NRC<br/>Action</u>                 | <u>Related<br/>Corresp.</u>          | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------|---------------------------|------------------------------------------|----------------------------------------|---------------------------------------|--------------------------------------|------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA B-84<br>TAC M55608<br>86 | Long Range Plan Dealing with Stress<br>Corrosion Cracking in BWR Piping<br>GL 84-11 | Q3W                       | 1.84.111<br>4/19/84<br>GL 84-11          | 2.84.074<br>--> 6/4/84<br>Pipe replace | ---                                   | 2.87.003<br>1/2/87<br>Thermal Sleeve | 5/6/87<br>Complete                 |                                   | Complete. Final<br>clarification of<br>IGSCC                                                                                                                                  |
|                              | Provide a long-range plan for<br>re-inspection of piping sensitive to<br>IGSCC.     |                           | 1.83.208<br>8/26/83<br>IGSCC Order       | 2.84.146<br>--> 9/11/84<br>Response to | ---                                   |                                      | Reference:<br>2.87.071<br>5/6/87   | Reference:<br>2.87.071<br>5/6/87  | Augmented<br>Insp. Plan<br>provided by<br>2.87.071,<br>5/6/87. In a<br>related issue,<br>NRC action<br>pending to<br>approve<br>proposed Tech.<br>Spec. change<br>(2.85.023). |
|                              |                                                                                     |                           | ---                                      | 2.84.191<br>11/9/84<br>Response to     | 1.84.357<br>--> 12/4/84<br>Acceptance |                                      |                                    |                                   |                                                                                                                                                                               |
|                              |                                                                                     |                           | ---                                      | 2.85.023<br>2/4/85<br>TS change        | ---                                   |                                      |                                    |                                   |                                                                                                                                                                               |
|                              |                                                                                     |                           | 1.86.003<br>1/2/86<br>Augment Insp.      | 2.86.145<br>--> 9/22/86<br>Response to |                                       |                                      |                                    |                                   |                                                                                                                                                                               |
|                              |                                                                                     |                           | Verbal request<br>11/86<br>Augment Insp. | 2.87.071<br>--> 5/6/87<br>Summary      |                                       |                                      |                                    |                                   |                                                                                                                                                                               |

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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                                                                                                                                             | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>               | <u>BECo<br/>Action</u>               | <u>NRC<br/>Action</u>                | <u>Related<br/>Corresp.</u>      | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u>                                                                           | <u>Status</u>                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------|
| MPA D-01                  | Mark I Containment Long-Term<br>Program                                                                                                                                                                                              | MTL                       | 1.80.308<br>8/20/80 --><br>NUREG 0661 | 2.81.004<br>1/9/81<br>Schedule       | ---                                  | 1.82.032<br>2/5/82<br>Amend. 53  | 4/12/85<br>Complete                |                                                                                                             | Complete.<br>BECo letter<br>2.85.078 |
| A-7                       | Modifications to Mark I containment per<br>NUREG-0661. (Generic Letter 83-02,<br>Vacuum Breaker, TAC 57164 is not<br>included in this issue). (A complete<br>history of questions and responses is<br>not included in this summary.) |                           | 1.82.263<br>8/82 --><br>NUREG 0661,   | 2.82.267<br>10/8/82<br>Extension     | ---                                  | 1.84.335<br>11/7/84<br>Amend. 83 | Reference:<br>2.85.078<br>4/12/85  | Reference:<br>states that<br>Mark I mods<br>are complete<br>and no further<br>T.S. changes<br>are required. |                                      |
|                           |                                                                                                                                                                                                                                      |                           | ---                                   | 2.83.143<br>6/7/83<br>PUAR           | ---                                  | 2.85.035<br>2/15/85<br>Analysis  |                                    |                                                                                                             |                                      |
|                           |                                                                                                                                                                                                                                      |                           | ---                                   | 2.83.116<br>5/10/83 --><br>Extension | 1.83.236<br>9/22/83<br>Ext. approved |                                  |                                    |                                                                                                             |                                      |
|                           |                                                                                                                                                                                                                                      |                           | ---                                   | ---                                  | 1.85.032<br>1/30/85<br>Review Comp.  |                                  |                                    |                                                                                                             |                                      |
|                           |                                                                                                                                                                                                                                      |                           | ---                                   | 2.85.078<br>4/12/85<br>Mark I Comp.  |                                      |                                  |                                    |                                                                                                             |                                      |



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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                                                               | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>               | <u>BECo<br/>Action</u>               | <u>NRC<br/>Action</u>               | <u>Related<br/>Corresp.</u> | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------|--------------------------------------|-------------------------------------|-----------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| MPA B-60                  | <u>Qualification of Class 1E<br/>Safety-Related Equipment</u>                                                                                          | TAV                       | 1.80.020<br>1/14/80 --><br>IEB 79-01B | 2.80.050<br>3/12/80<br>Response      | ---                                 |                             | 11/30/85<br>Complete               | 12/13/85<br>Complete              | Complete. NRC<br>notified of final<br>compliance with<br>10CFR50.49 by<br>telecon<br>4.85.125 on<br>12/2/85. |
| A-24                      | Perform a detailed review of the<br>environmental qualification of Class 1E<br>electrical equipment and qualify them<br>for the postulated conditions. |                           | ---                                   | 2.80.075<br>4/18/80<br>Response      | ---                                 |                             | Reference:<br>4.85.125<br>12/2/85  | Reference:<br>1.86.141<br>4/15/86 |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.80.077<br>4/22/80<br>Response      | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.80.151<br>7/22/80<br>Response      | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.80.272<br>10/29/80 --><br>Response | 1.83.074<br>4/13/83<br>SER          |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | 10CFR50.49<br>1/21/83 --><br>EQ rule  | 2.83.129<br>5/17/83<br>Response      | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.83.131<br>5/18/83<br>TER Resp.     | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.84.099<br>7/9/84<br>Meeting        | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.84.119<br>8/3/84<br>Response       | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.84.162<br>11/24/84<br>Response     | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.85.012<br>1/21/85<br>Response      | ---                                 |                             |                                    |                                   |                                                                                                              |
|                           |                                                                                                                                                        |                           | ---                                   | 2.85.020<br>1/29/85 --><br>Extension | 1.85.085<br>3/28/85<br>Ext. granted |                             |                                    |                                   |                                                                                                              |

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| NRC<br>References             | Title/Description                                                                                                                         | RA&P<br>Resp. | Action<br>Init.      | BECo<br>Action                      | NRC<br>Action                       | Related<br>Corresp.             | BECo<br>Impl.       |                                                         | NRC<br>Verif                                                                                                                                             |            |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|-------------------------------------|-------------------------------------|---------------------------------|---------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                               |                                                                                                                                           |               |                      |                                     |                                     |                                 | Complete            | Status                                                  | Complete                                                                                                                                                 | Status     |
| MPA F-02<br><br>TMI I.A.1.3.1 | Shift Manning - Limit Overtime<br><br>Limit overtime of control room<br>personnel performing safety-related<br>tasks to preclude fatigue. | PMK           | 1.80.379<br>10/31/80 | 2.80.310<br>--> 12/15/80            | 1.85.114<br>4/15/85<br>Ext. Clarif. | 1.80.043<br>2/1/80<br>IEC 80-02 | 5/24/83<br>Complete | Complete.                                               | Reference:                                                                                                                                               | Reference: |
|                               |                                                                                                                                           |               | NUREG 0737           | Policy/Proced                       | Ext. Denied                         |                                 | 2.83.136<br>5/24/83 | Procedural<br>limit included<br>in Station<br>Procedure | 1.3.34,<br>*Conduct of<br>Operations*.<br>Per 2.83.136,<br>NRC notified<br>that limit is to<br>be controlled by<br>admin. proc.,<br>not by Tech<br>Spec. |            |
|                               |                                                                                                                                           |               | ---                  | 2.80.318<br>12/31/80<br>Red. Reqmts | 1.85.098<br>3/26/85<br>Final SER    |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               | 1.82.132<br>5/5/82   | 2.82.163<br>6/8/82                  | 1.85.356<br>11/27/85                |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               | GL 82-10             | Reinstates                          | Ext. Denied                         |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               | 1.82.184<br>6/15/82  | 2.83.136<br>5/24/83                 |                                     |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               | GL 82-12             | Response                            |                                     |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               |                      |                                     |                                     |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               |                      |                                     |                                     |                                 |                     |                                                         |                                                                                                                                                          |            |
|                               |                                                                                                                                           |               |                      |                                     |                                     |                                 |                     |                                                         |                                                                                                                                                          |            |



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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                            | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>            | <u>BEC<br/>Action</u> | <u>NRC<br/>Action</u>            | <u>Related<br/>Corresp.</u> | <u>BEC<br/>Impl.<br/>Complete</u>  | <u>NRC<br/>Verif<br/>Complete</u>                                                                                                                                              | <u>Status</u>                                |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------|-----------------------|----------------------------------|-----------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| MPA F-05                  | Short-Term Accident & Procedures<br>Revision- Inadequate Core Cooling.                                              | PMK                       | 1.80.379<br>10/31/80<br>NUREG 0737 | ---                   | 1.82.366<br>12/17/82<br>GL 82-33 |                             | N/A<br>Not Applicable              |                                                                                                                                                                                | Not applicable.<br>This interim<br>procedure |
| TMI I.C.1.2.B             | Revise Procedures<br>Interim revision of procedures to<br>include measures to mitigate inadequate<br>core cooling.  |                           |                                    |                       |                                  |                             | Reference:<br>1.82.366<br>12/17/82 | Reference:<br>revision was<br>superceded by<br>Generic Letter<br>82-33<br>requirements<br>to develop<br>symptom -<br>based<br>Emergency<br>Operating<br>Procedures<br>(EOP's). |                                              |
| MPA F-05                  | Short-Term Accident & Procedures<br>Revision - Transients & Accidents.                                              | PMK                       | 1.80.379<br>10/31/80<br>NUREG 0737 | ---                   | 1.82 366<br>12/17/82<br>GL 82-33 |                             | N/A<br>Not Applicable              |                                                                                                                                                                                | Not applicable.<br>This interim<br>procedure |
| TMI I.C.1.3.B             | Revise Procedures<br>Interim revision of procedures to<br>include measures to mitigate transients<br>and accidents. |                           |                                    |                       |                                  |                             | Reference:<br>1.82.366<br>12/17/82 | Reference:<br>revision was<br>superceded by<br>Generic Letter<br>82-33<br>requirements<br>to develop<br>symptom -<br>based<br>Emergency<br>Operating<br>Procedures<br>(EOP's). |                                              |

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| <u>NRC</u><br><u>References</u> | <u>Title/Description</u>                                                                                               | <u>RA&amp;P</u><br><u>Resp.</u> | <u>Action</u><br><u>Init.</u>          | <u>BECo</u><br><u>Action</u>      | <u>NRC</u><br><u>Action</u>             | <u>Related</u><br><u>Corresp.</u> | <u>BECo</u><br><u>Impl.</u><br><u>Complete</u> | <u>NRC</u><br><u>Verif</u><br><u>Complete</u>                                                                                          | <u>Status</u>                                                                                                  |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|-----------------------------------|-----------------------------------------|-----------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| MPA F-07                        | <u>Verify Correct Performance of</u><br><u>Operating Activities</u>                                                    | PMK                             | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.84.114<br>7/27/84<br>Response   | ---                                     | 1.87.205<br>7/14/87<br>IR 87-26   | 3/26/85<br>Complete                            | 6/22/87<br>Complete                                                                                                                    | Complete.<br>Station<br>Procedure                                                                              |
| TMI I.C.6                       | Provide verification of operations and<br>maintenance activities independent of<br>the person performing the activity. |                                 |                                        |                                   |                                         |                                   | Reference:<br>Proc. 1.3.34<br>3/26/85          | Reference:<br>1.87.205<br>7/14/87                                                                                                      | 1.3.34,<br>Conduct of<br>Operations,<br>revised to<br>require double<br>verification,<br>effective<br>3/26/85. |
| MPA F-09                        | <u>Plant - Safety Parameter Display</u><br><u>Console - Installed</u>                                                  | PMK                             | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.80.310<br>2/15/80<br>Response   | ---                                     |                                   | RFO 7 + 4 mos.<br>Schedule                     |                                                                                                                                        | Open. This<br>is an ongoing<br>effort                                                                          |
| TMI I.D.2.2                     | Install a display of the minimum<br>parameters which define the safety<br>status of the plant.                         |                                 | 1.82.366<br>12/17/82 --><br>GL 82-33   | 2.84.133<br>8/10/84<br>Conceptual | 1.85.100<br>--> 3/21/85<br>Safety Eval. |                                   | Reference:<br>2.86.079<br>6/16/86              | Reference:<br>currently<br>scheduled for<br>completion 4<br>months after<br>restart from<br>RFO 7. (This is<br>a subset of<br>I.D.2.3) |                                                                                                                |
|                                 |                                                                                                                        |                                 | 1.85.100<br>3/21/85 --><br>RAI         | 2.85.107<br>6/13/85<br>Response   | ---                                     |                                   |                                                |                                                                                                                                        |                                                                                                                |
|                                 |                                                                                                                        |                                 | ---                                    | 2.86.079<br>6/16/86<br>Schedule   |                                         |                                   |                                                |                                                                                                                                        |                                                                                                                |



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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                                                                                                   | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                | <u>BECo<br/>Action</u>                 | <u>NRC<br/>Action</u>                   | <u>Related<br/>Corresp.</u> | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                                                               |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------|------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA F-09                  | Plant - Safety Parameter Display Console - Fully Implemented                                                                                                                               | PMK                       | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.80.310<br>2/15/80<br>Response        | ---                                     |                             | RFO 7 + 4 mos.<br>Scheduled        |                                   | Open. This is an ongoing effort                                                                                                                             |
| TMI I.D.2.3               | Install a display of the minimum parameters which define the safety status of the plant.                                                                                                   |                           | 1.82.366<br>12/17/82 --><br>GL 82-33   | 2.84.133<br>8/10/84<br>Conceptual      | 1.85.100<br>--> 3/21/85<br>Safety Eval. |                             | Reference:<br>2.86.079<br>6/16/86  | Reference:                        | currently scheduled for completion 4 months after restart from RFO 7.                                                                                       |
|                           |                                                                                                                                                                                            |                           | 1.85.100<br>3/21/85 --><br>RAI         | 2.85.107<br>6/13/85<br>Response        | ---                                     |                             |                                    |                                   |                                                                                                                                                             |
|                           |                                                                                                                                                                                            |                           | ---                                    | 2.86.079<br>6/16/86<br>Schedule        |                                         |                             |                                    |                                   |                                                                                                                                                             |
| TMI II.D.3.1              | Valve Position Indication - Install Direct Indications of Relief and Safety Valve Position<br>Provide positive indication of SRV's in control room from a reliable valve detection device. | PMK                       | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.80.310<br>12/15/80<br>Response       | ---                                     |                             | 4/1/81<br>Complete                 | Complete.                         | Existing acoustic monitors and tailpipe thermocouples provide indication of valve position. Tech. Specs. revised by Amend. 48 to include these indications. |
|                           |                                                                                                                                                                                            |                           | ---                                    | 2.81.057<br>3/16/81 --><br>Tech. Spec. | 1.81.099<br>--> 4/1/81<br>Amend. 48     |                             | Reference:<br>1.81.099<br>4/1/81   | Reference:                        |                                                                                                                                                             |

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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                  | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                   | <u>BEC<br/>Action</u>                       | <u>NRC<br/>Action</u> | <u>Related<br/>Corresp.</u> | <u>BEC<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u>                                                                                                                                                                                                                                                                                                                           | <u>Status</u>                             |
|---------------------------|---------------------------------------------------------------------------|---------------------------|-------------------------------------------|---------------------------------------------|-----------------------|-----------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| MPA F-19                  | Containment Isolation Dependability -<br>Radiation Signal on Purge Valves | P/WK                      | 1.80.379<br>10/31/80<br>NUREG 0737        | 2.85.197<br>--> 10/31/85 --><br>Large lines | Pending               |                             | Restart RFO 7<br>Scheduled        |                                                                                                                                                                                                                                                                                                                                                             | Open. For large<br>lines, awaiting<br>NRC |
| TMI II.E.4.2.7            | Provide High Radiation Isolation of<br>Containment Purge and Vent Valves. |                           | 1.86.157<br>5/7/86 --><br>Exempt. - Small | Pending                                     |                       |                             | Reference:<br>1.87.150<br>6/1/87  | Reference:<br>concurrency of<br>justification<br>for not<br>providing<br>isolation on<br>high radiation.<br>For small lines,<br>BEC preparing<br>letter to<br>demonstrate<br>that generic<br>exemption<br>applies to<br>PNPS. Per<br>meeting with<br>NRC and BEC<br>on 5/21/87<br>(1.87.150),<br>letter scheduled<br>for prior to<br>restart from<br>RFO 7. |                                           |



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| <u>NRC<br/>References</u>             | <u>Title/Description</u>                                                                                                                                                                                                                  | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>            | <u>BECo<br/>Action</u>                  | <u>NRC<br/>Action</u>                     | <u>Related<br/>Corresp.</u> | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                              |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------|------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| MPA F-26<br>TAC 45159<br>TMI II.F.2.4 | Instrumentation for Detection of<br>Inadequate Core Cooling-Install<br>Additional<br>Reactor Water Level Instrumentation<br>Modifications (analog trip and relocate<br>reference legs).                                                   | Q3W                       | 1.84.320<br>10/26/84<br>GL 84-23   | 2.84.200<br>--> 11/28/84<br>GL response | ---                                       | ---                         | RFO 7 Restart<br>Scheduled         | Complete                          | Open.<br>Scheduled for<br>completion by<br>restart from<br>RFO 7 by<br>2.85.099.<br>BECo response<br>to RAI is<br>pending. |
|                                       |                                                                                                                                                                                                                                           |                           | ---                                | 2.85.099<br>5/28/85<br>GL response      | 1.85.180<br>--> 6/11/85<br>NRC acceptance |                             | Reference:<br>2.85.099<br>5/28/85  | Reference:                        |                                                                                                                            |
|                                       |                                                                                                                                                                                                                                           |                           | ---                                | 2.86.020<br>2/27/86<br>ATS TS change    | 1.87.069<br>--> 3/3/87<br>Amend. 99       |                             |                                    |                                   |                                                                                                                            |
|                                       |                                                                                                                                                                                                                                           |                           | 4.87.064<br>8/3/87<br>RAI          | --> Pending                             |                                           |                             |                                    |                                   |                                                                                                                            |
| MPA F-67<br>TMI III.A.2.1             | Upgrade Preparedness - Upgrade<br>Emergency Plans to Appendix E.<br>10CFR50<br>Upgrade emergency plans to provide<br>reasonable assurance that adequate<br>protective measures will be taken in<br>the event of a radiological emergency. | PMK                       | 1.80.379<br>10/31/80<br>NUREG 0737 | 1.80.310<br>--> 12/15/80<br>Response    | 1.83.118<br>--> 5/18/83<br>Appraisal      |                             | 5/18/83<br>Complete                | 5/18/83<br>Complete               | Complete. NRC<br>letter 1.83.118<br>concludes that<br>upgraded<br>emergency<br>plans and<br>procedures are<br>acceptable.  |
|                                       |                                                                                                                                                                                                                                           |                           |                                    |                                         |                                           |                             | Reference:<br>1.83.118<br>5/18/83  | Reference:<br>1.83.118<br>5/18/83 |                                                                                                                            |

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| <u>NRC<br/>References</u>                 | <u>Title/Description</u>                                                                                                                                                                                                       | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                                     | <u>BEO<br/>Action</u>     | <u>NRC<br/>Action</u>  | <u>Related<br/>Corresp.</u>                     | <u>BEO<br/>Impl.<br/>Complete</u>                                   | <u>NRC<br/>Verif<br/>Complete</u>                                                                                                         | <u>Status</u>                                                                                                                                                                                                               |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------|---------------------------|------------------------|-------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA F-68                                  | Upgrade Preparedness -<br><u>Meteorological Data</u>                                                                                                                                                                           | PMK                       | 1.80.379<br>10/31/80 --> 12/15/80 --> 3/17/86<br>NUREG 0737 | 2.80.310<br>Prelim. study | 1.86.076<br>NPR audit  |                                                 | 3/17/86<br>Complete                                                 |                                                                                                                                           | Complete.<br>Redundant met.<br>data equipment<br>provided by<br>using equipment<br>installed<br>originally for<br>PNPS-2. NRC<br>was never<br>formally<br>notified of how<br>we comply with<br>III.A.2.2 for<br>this issue. |
| TMI III.A.2.2                             | Upgrade meteorological data<br>equipment to provide redundancy.                                                                                                                                                                |                           |                                                             |                           |                        |                                                 | Reference:<br>1.86.076<br>3/17/86                                   | Reference:                                                                                                                                |                                                                                                                                                                                                                             |
| MPA F-48<br>TAC M45699<br>TMI II.K.3.18.A | <u>Final Recommendations, B&amp;O Task<br/>Force - ADS Actuation Study</u><br><br>Automatic ADS actuation for events<br>which require early depressurization,<br>but for which existing signals would<br>not be timely.        | PMK                       | 1.80.379<br>10/31/80 --> 5/20/87 --> 9/4/87<br>NUREG 0737   | 2.87.086<br>TS change     | 1.87.270<br>Amend. 106 | EAS<br>#154-1286<br>GE: Report<br><br>PDC 86-73 | Restart RFO 7<br>Scheduled<br><br>Reference:<br>2.87.086<br>5/20/87 | Open. TS<br>changes<br>approved by<br>Amend. 106 on<br>9/4/87. Plant<br>mods per PDC<br>86-73 required<br>prior to restart<br>from RFO 7. |                                                                                                                                                                                                                             |
| MPA F-48<br>TAC M45699<br>TMI II.K.3.18.B | <u>Final Recommendations, B&amp;O Task<br/>Force - ADS Actuation Propose Mods</u><br><br>Automatic ADS actuation for events<br>which require early depressurization,<br>but for which existing signals would<br>not be timely. | PMK                       | 1.80.379<br>10/31/80 --> 5/20/87 --> 9/4/87<br>NUREG 0737   | 2.87.086<br>TS change     | 1.87.270<br>Amend. 106 | EAS<br>#154-1286<br>GE: Report<br><br>PDC 86-73 | Restart RFO 7<br>Scheduled<br><br>Reference:<br>2.87.086<br>5/20/87 | Open. TS<br>changes<br>approved by<br>Amend. 106 on<br>9/4/87. Plant<br>mods per PDC<br>86-73 required<br>prior to restart<br>from RFO 7. |                                                                                                                                                                                                                             |



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| <u>NRC<br/>References</u>                 | <u>Title/Description</u>                                                                                                                                                                                                                      | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                | <u>BECo<br/>Action</u>                     | <u>NRC<br/>Action</u>                | <u>Related<br/>Corresp.</u>                 | <u>BECo<br/>Impl.<br/>Complete</u>                                  | <u>NRC<br/>Verif<br/>Complete</u>                                                                                                                                                                                                       | <u>Status</u> |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|--------------------------------------------|--------------------------------------|---------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| MPA F-48<br>TAC M45699<br>TMI II.K.3.18.C | <u>Final Recommendations, B&amp;O Task<br/>Force - ADS Actuation Modifications</u><br><br>Automatic ADS actuation for events<br>which require early depressurization,<br>but for which existing signals would<br>not be timely.               | PMK                       | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.87.086<br>5/20/87 --><br>TS change       | 1.87.270<br>9/4/87 --><br>Amend. 106 | EAS<br>#154-1286<br>GE: Report<br>PDC 86-73 | Restart RFO 7<br>Scheduled<br><br>Reference:<br>2.87.C86<br>5/20/87 | Reference:<br><br>Open. TS<br>changes<br>approved by<br>Amend. 106 on<br>9/4/87. Plant<br>mods per PDC<br>86-73 required<br>prior to restart<br>in RFO 7.                                                                               |               |
| MPA F-54<br>TMI II.K.3.27                 | <u>Final Recommendations, B&amp;O Task<br/>Force - Common Reference Level</u><br><br>Modify reactor water level instruments<br>to all reference the same point to avoid<br>operator confusion.                                                | CGW                       | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.82.046<br>2/5/82 --><br>Commitment       |                                      | PDC 84-70                                   | Restart RFO 7<br>Scheduled<br><br>Reference:<br>2.82.046<br>2/5/82  | Reference:<br><br>Open. BECo<br>letter<br>committed to<br>modifications,<br>but did not give<br>design details<br>or<br>implementation<br>schedule to<br>NRC. Currently<br>scheduled for<br>completion<br>before restart<br>from RFO 7. |               |
| MPA F-61<br>TMI II.K.3.46                 | <u>Response to List of Concerns from<br/>ACRS Consultant</u><br><br>"Michelson's Concerns" - Questions<br>concerning pressurized systems failing<br>during accident conditions. Primarily<br>concerned PWR's (pressurizers,<br>accumulators). | PMK                       | 1.80.379<br>10/31/80 --><br>NUREG 0737 | 2.80.310<br>12/15/80 --><br>Endors.generic | Pending                              | GE letter<br>2/21/80<br>Generic Resp.       | 12/15/80<br>Complete<br><br>Reference:<br>2.80.310<br>12/15/80      | Reference:<br><br>Complete.<br>Awaiting NRC<br>acceptance of<br>GE's letter<br>which provides<br>generic BWR<br>response to<br>questions posed<br>by Mr. C.<br>Michelson.                                                               |               |

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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                                               | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                         | <u>BEC<br/>Action</u>             | <u>NRC<br/>Action</u> | <u>Related<br/>Corresp.</u> | <u>BEC<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u>                                                                                                                                                             | <u>Status</u>                                                                                                                                                                                                               |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------|-----------------------------------|-----------------------|-----------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA F-62                  | Identify Water Sources Prior to Manual Activation of ADS                                                                               | PMK                       | 1.80.379<br>10/31/80 --> 12/17/80<br>NUREG 0737 | 2.80.310<br>12/17/80<br>Response  | ---                   |                             | 7/29/85<br>Complete               |                                                                                                                                                                                               | Complete.<br>EOP-1 revised<br>7/29/85 to<br>include<br>appropriate<br>cautions. (i.e.,<br>Step III.E.2<br>cautions against<br>depressurizing<br>to below 100<br>psig. unless<br>coolant<br>injection pumps<br>are running.) |
| TMI II.K.3.57             | Emergency Operating Procedures (EOP'S) should include verification that a source of water is available prior to manual ADS initiation. |                           | 1.82.367<br>12/17/82 --> 12/26/85<br>GL 82-33   | 2.85.228<br>12/26/85<br>EOP Guide |                       |                             | Reference:<br>EOP-1<br>7/29/85    | Reference:<br>include<br>appropriate<br>cautions. (i.e.,<br>Step III.E.2<br>cautions against<br>depressurizing<br>to below 100<br>psig. unless<br>coolant<br>injection pumps<br>are running.) |                                                                                                                                                                                                                             |



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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                               | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                      | <u>BEC<br/>Action</u>                                   | <u>NRC<br/>Action</u> | <u>Related<br/>Corresp.</u>           | <u>BEC<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                                                               |
|---------------------------|------------------------------------------------------------------------|---------------------------|----------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------|-----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA A-20<br>TAC M59127    | 10 CFR 50.62 Operating Reactor<br>Reviews                              | WGL                       | 1.79.003<br>1/8/79 --> 4/10/79               | 2.79.069<br>Sch. ARI/RPT                                | ---                   | NEDE-31096-<br>12/85                  | Restart RFO 7<br>Scheduled        |                                   | Open. Mods to<br>ARI and RPT<br>completed per<br>2.85.178,<br>10/7/85 (PDC<br>79-25). Mods<br>to SLCS to be<br>completed prior<br>to restart from<br>RFO 7. |
|                           | Modifications to SLCS, ARI, and RPT as<br>required by ATWS final rule. |                           | ---                                          | 2.80.057<br>4/7/80 --> 2/19/81<br>TS ARI/RPT Amend. 42  | 1.81.050<br>2/19/81   | NED 85-941<br>9/10/85                 | Reference:<br>2.85.178<br>10/7/85 |                                   |                                                                                                                                                             |
|                           |                                                                        |                           | 49FR26036<br>6/26/84<br>ATWS rule            | ---                                                     | ---                   | NRC to BWROG<br>8/19/85<br>TS Clarif. |                                   |                                   |                                                                                                                                                             |
|                           |                                                                        |                           | 1.85.021<br>1/28/85 --> 4/25/86 --> 10/21/86 | 2.86.049<br>BWROG Endors. Generic SER                   |                       |                                       |                                   |                                   |                                                                                                                                                             |
|                           |                                                                        |                           | GL 85-03<br>1.85.103<br>4/16/85 --> 10/7/85  | 2.85.178<br>Schedule                                    | ---                   |                                       |                                   |                                   |                                                                                                                                                             |
|                           |                                                                        |                           | GL 85-06<br>---                              | 2.87.085<br>5/29/87 --> 8/5/87<br>SLCS mod & Amend. 102 | 1.87.225<br>8/5/87    |                                       |                                   |                                   |                                                                                                                                                             |
|                           |                                                                        |                           | 1.87.282<br>9/24/87 --> Pending<br>RAI       |                                                         |                       |                                       |                                   |                                   |                                                                                                                                                             |

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| <u>NRC<br/>References</u> | <u>Title/Description</u>                                                                                                                     | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>                              | <u>BECo<br/>Action</u>                         | <u>NRC<br/>Action</u>                 | <u>Related<br/>Corresp.</u>         | <u>BECo<br/>Impl.<br/>Complete</u> | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                                                                                             |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|------------------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA B-41<br>TAC M51643    | Fire Protection - Final Tech Specs<br>(Includes SER Supplements)                                                                             | TAV                       | BTP9.5-1, App. A<br>8/23/76 --> 3/6/78<br>Guidelines | 2.78.035<br>Response                           | 1.78.178<br>--> 12/21/78<br>SER       | 52FR32193<br>8/26/87<br>Sholly Not. | Restart RFO 7<br>Scheduled         | Partial                           | Open. Final<br>plant mods are<br>to be completed<br>and exemption<br>requests<br>approved by<br>the NRC prior<br>to restart from<br>RFO 7. Tech.<br>Spec. changes<br>not yet<br>approved. |
|                           | Modify plant to conform with BTP9.5-1<br>Appendix A, 10CFR50.48, and<br>10CFR50, Appendix R. Revise Tech.<br>Specs. to reflect plant design. |                           | 45FR00225<br>2/17/81 --> 6/25/82<br>App. R Rule      | 2.82.180<br>Response                           | 1.82.131<br>--> 5/4/82<br>Sched. Ext. | 1.87.274<br>9/16/87<br>Sholly Not.  | Reference:<br>2.82.180<br>6/25/82  | Reference:<br>1.87.180<br>6/18/87 |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.83.130<br>5/17/83 --> 11/27/84<br>Exemptions | 1.84.371<br>Partial SER               |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.86.084<br>6/17/86<br>Clarif.                 | 1.84.379<br>12/18/84<br>Partial SER   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.86.109<br>2/3/86<br>Clarif.                  | 1.85.191<br>6/10/85<br>Final SER      |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.83.281<br>11/16/83<br>Exemption              | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.86.110<br>7/28/86<br>Response                | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.86.175<br>11/13/86<br>Response               | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.87.062<br>4/21/87<br>Response                | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.87.132<br>8/4/87 --> Pending<br>Response     | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.87.135<br>8/10/87 --> Pending<br>Exemption   | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |
|                           |                                                                                                                                              |                           | ---                                                  | 2.87.082<br>5/22/87<br>Tech. Specs.            | ---                                   |                                     |                                    |                                   |                                                                                                                                                                                           |



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| <u>NRC</u><br><u>References</u> | <u>Title/Description</u>                                                                                                                                          | <u>RA&amp;P</u><br><u>Resp.</u> | <u>Action</u><br><u>Init.</u> | <u>BECo</u><br><u>Action</u> | <u>NRC</u><br><u>Action</u>                                                                                | <u>Related</u><br><u>Corresp.</u> | <u>BECo</u><br><u>Impl.</u><br><u>Complete</u> | <u>NRC</u><br><u>Verif</u><br><u>Complete</u> | <u>Status</u>                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|
| MPA B-45<br>TAC M12907          | WASH 1400 Event V - "Primary<br>Coolant System Pressure Isolation<br>Valves"<br>Investigate the applicability of a two<br>check valve in-series failure scenario. | PMK                             | 1.80.059<br>2/23/80 --- -->   | 2.87.127                     | 1.80.271<br>8/8/80, concurs with<br>BECo conclusion<br>that this issue<br>is not<br>applicable to<br>PNPS. |                                   | 8/8/80<br>Complete                             |                                               | Complete. NRC<br>letter<br>1.80.271,<br>8/8/80,<br>Reference:<br>1.80.271<br>8/8/80 |
|                                 |                                                                                                                                                                   |                                 |                               | 7/28/87                      |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | TS Suppl.                    |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 2.87.153                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 9/21/87 -->                  |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | TS Suppl.                    |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 2.87.053                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 4/1/87 -->                   |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | Exemption                    |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 2.87.160                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
| MPA B-45<br>TAC M12907          | WASH 1400 Event V - "Primary<br>Coolant System Pressure Isolation<br>Valves"<br>Investigate the applicability of a two<br>check valve in-series failure scenario. | PMK                             | 1.80.059<br>2/23/80 --- -->   | 10/2/87 -->                  | 1.80.271<br>8/8/80<br>Reference:<br>1.80.271<br>8/8/80                                                     |                                   | 8/8/80<br>Complete                             |                                               | Complete. NRC<br>letter<br>1.80.271,<br>8/8/80,<br>Reference:<br>1.80.271<br>8/8/80 |
|                                 |                                                                                                                                                                   |                                 |                               | Exemption                    |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 2.80.044                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 3/19/80 -->                  |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | Response                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 1.80.271                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 8/8/80                       |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | TER                          |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 1.80.271                     |                                                                                                            |                                   |                                                |                                               |                                                                                     |
|                                 |                                                                                                                                                                   |                                 |                               | 8/8/80                       |                                                                                                            |                                   |                                                |                                               |                                                                                     |



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| <u>NRC<br/>References</u>               | <u>Title/Description</u>                                                                                             | <u>RA&amp;P<br/>Resp.</u> | <u>Action<br/>Init.</u>              | <u>BECo<br/>Action</u>              | <u>NRC<br/>Action</u>            | <u>Related<br/>Corresp.</u>            | <u>BECo<br/>Impl.<br/>Complete</u>  | <u>NRC<br/>Verif<br/>Complete</u> | <u>Status</u>                                                                                                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|-------------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MPA F-65<br>TAC M46114<br>TMI III.A.1.2 | Emergency Operations Facility                                                                                        | PMK                       | 1.80.379<br>10/31/80<br>NUREG0737    | ---                                 | ---                              | NED 86-613<br>8/13/86<br>Compl. Matrix | 8/13/86<br>Complete                 |                                   | Complete. EOF<br>is operational<br>and was<br>reviewed<br>against criteria<br>by NED memo<br>86-613.<br>8/13/86.                                                                                                         |
|                                         | Provide a licensee controlled and<br>operated facility for the management of<br>overall licensee emergency response. |                           | 1.82.367<br>12/17/82 --><br>GL 82-33 | 2.85.164<br>9/10/85 --><br>Response | 1.86.076<br>3/17/86<br>ERF tour  |                                        | Reference:<br>NED 86-613<br>8/13/86 | Reference:                        |                                                                                                                                                                                                                          |
| MPA F-60<br>TAC M46186<br>TMI III.A.1.2 | Nuclear Data Link                                                                                                    | PMK                       | 1.80.092<br>3/12/80<br>Description   | ---                                 | 1.82.367<br>12/17/82<br>GL 82-33 |                                        | N/A<br>Not applicable               |                                   | Not applicable.<br>Nuclear data<br>link was found<br>to be not<br>feasible and<br>was not<br>included<br>in later<br>requirements<br>for emergency<br>response<br>facilities<br>contained in<br>Generic Letter<br>82-33. |
|                                         | Provide direct data link for plant<br>parameters to NRC emergency<br>operations center.                              |                           |                                      |                                     |                                  |                                        | Reference:<br>1.82.367<br>12/17/82  | Reference:                        |                                                                                                                                                                                                                          |



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| <u>NRC</u><br><u>References</u>       | <u>Title/Description</u>                                                                                 | <u>RA&amp;P</u><br><u>Resp.</u> | <u>Action</u><br><u>Init.</u>        | <u>BEC</u><br><u>Action</u>                         | <u>NRC</u><br><u>Action</u> | <u>Related</u><br><u>Corresp.</u>   | <u>BEC</u><br><u>Impl.</u><br><u>Complete</u> | <u>NRC</u><br><u>Verif</u><br><u>Complete</u>                                                                                                                                                                   | <u>Status</u>                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------|-----------------------------------------------------|-----------------------------|-------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| MPA F-71<br>TAC M59329<br>TMI I.D.1.2 | Detailed Control Room Review<br>(Followup to F-8)                                                        | PMK                             | 1.80.379<br>10/31/80<br>NUREG 0737   | ---                                                 | ---                         | 2.84.159<br>9/24/84<br>Orig. Sched. | Restart RFO n<br>Scheduled                    |                                                                                                                                                                                                                 | Open. Original<br>completion data<br>is restart from<br>RFO 8. |
|                                       | Analyse and modify control room to<br>improve ability of operators to prevent<br>or cope with accidents. |                                 | 1.82.366<br>12/17/82 --><br>GL 82-33 | 2.87.008<br>1/20/87<br>Sched.                       | ---                         |                                     | Reference:<br>2.84.159<br>9/24/84             | Reference:<br>Currently<br>preparing<br>supplemental<br>report to<br>re-scope mods,<br>due 4 months<br>after restart<br>from RFO 7.<br>Re-scope effort<br>will potentially<br>impact<br>completion<br>schedule. |                                                                |
|                                       |                                                                                                          |                                 | ---                                  | BECo to submit NRC prepares<br>Supp. report --> SER |                             |                                     |                                               |                                                                                                                                                                                                                 |                                                                |
|                                       |                                                                                                          |                                 | ---                                  | BECo to<br>complete<br>plant mods                   |                             |                                     |                                               |                                                                                                                                                                                                                 |                                                                |