



PECO NUCLEAR

A Unit of PECO Energy

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April 24, 2000

Docket Nos. 50-277
50-278
License Nos. DPR-44
DPR-56

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

SUBJECT: Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3
Annual 10 CFR 50.59 and Commitment Revision Report For
The Period January 1, 1999 through December 31, 1999

Gentleman:

Enclosed is the 1999 Annual 10 CFR 50.59 and Commitment Revision Report as required by 10 CFR 50.59 (b). If you have any questions or require additional information, please contact A. A. Winter at (717) 456-3598.

Sincerely,

John Doering Jr.
Vice President,
Peach Bottom Atomic Power Station

JD
JD/MEW/AAW

Attachment

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Docket Nos. 50-277
50-278

1999
PEACH BOTTOM ATOMIC POWER STATION
ANNUAL 10 CFR 50.59 AND COMMITMENT REVISION REPORT

This report is issued pursuant to reporting requirements for Peach Bottom Atomic Power Station Units 2 and 3 (Facility License Numbers DPR-44 and DPR-56 respectively). This report addresses tests and changes to the facility and procedures as they are described in the Peach Bottom Final Safety Analysis Report. This report consists of those tests and changes that were implemented between January 1, 1999 and December 31, 1999.

PEACH BOTTOM ATOMIC POWER STATION
UNIT 2 AND 3
DOCKET NOS. 50-277 AND 50-278
ANNUAL 10 CFR 50.59 AND COMMITMENT REVISION REPORT

TABLE OF CONTENTS

Commitment Revision	
T00040	1
T00259	1
T00308	1
T00530	1
T00762	1
T00787	1
T00792	1
T00925	2
T01853	2
T03309	2
T03596	2
T03764/T03765	2
T03817	2
T04149	2
COLR Revisions	
COLR PB2C13	3
COLR PB3C13	3
COLR PB3C12	3
COLR PB3C12	3
ECR	
98-02235/98-02236	3
ECR - DCR	
97-02522	3
98-00352/99-00114	4
98-00533	4
98-01181/98-01265	4
98-03130	4
99-00456	4
99-00872	4
99-01127	4
99-01599	4
99-01814	5
99-01826	5
99-02056	5
99-02673/99-02675	5
ECR - MOD	
97-02956/98-01420	5
98-00668	5
98-00811	5
98-00812	6

98-00815	6
98-01341	6
98-01931	6
98-03047	6
98-03104	6
99-02131	6
ECR - NCR	
97-02267	7
98-01548	7
98-01669	7
98-02244/98-02245	7
98-03186	7
99-00678/99-00694	7
99-02182	7
99-02350	8
99-02697	8
MISC 50.59	
CREV Outlet Plenum Door	8
Indicated Core Flows	8
Use of 3 Control Blades	8
MOD	
P00350	8
P00400	8
P00676	9
P00677	9
P00680	9
P00685	9
P00691	9
P00716	9
P00733	9
P00802	10
PROCEDURE	
AO 10.4-3	10
RW-C-100, R5	10
SO 12.1.A/SO12.3.A/AO 12.3-2	10
SO 12.3.A-2(3)/AO 12.4-2(3)	10
ST-0-009-200-2(3)	10
ST-I-07G-102-2(3)	10
TRM 3.14.1	11

**PECO ENERGY COMPANY
PEACH BOTTOM ATOMIC POWER STATION
UNIT 2 AND 3
DOCKET NOS. 50-277; 50-278**

**ANNUAL 10 CFR 50.59 AND COMMITMENT REVISION
REPORT**

JANUARY 1, 1999 THROUGH DECEMBER 31, 1999

SAFETY EVALUATION SUMMARIES

COMMITMENT CHANGES

T00040

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was in response to an open item in NRC Inspection Report 90-200. The original commitment concerned the high Torus temperature limit at which HPCI suction would be procedurally transferred from the Torus to the CST. The original commitment was met by correcting the temperature limit discrepancy, therefore this review deleted the commitment from SE-11, Loss of Off-Site Power Bases.

T00259

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was generated as a result of LER 2-88-14. The original commitment was to revise the Appendix A-41:1 of A-41, Procedure for Control of Safety Related Equipment, to ensure that an independent review of all safety related tagging permits involving electrical blocking is performed. This review changed the implementing documents from the A-41, Procedure for Control of Safety Related Equipment to the Operations Manual and the Common Clearance and Tagging Manual. In addition, technical reviews will be performed when operational effects may not be fully understood.

T00308

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was in response to Generic Letter 88-14. The original commitment was to perform Instrument Air quality testing prior to restart for each unit and during subsequent refueling outages. This review changed the commitment to allow for performing Instrument Air quality testing once per operating cycle instead of during the refueling outage consistent with procedure RT-I-36B-900-2(3), Instrument Air Quality Test.

T00530

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was in response to Generic Letter 89-11. This review changed the commitment to remove procedures T-102, Primary Containment Control, and T-103, Secondary Containment Control from the implementing activities of the commitment since these procedures do not address the concerns of Generic Letter 89-11.

T00762

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was documented in response to an open item in NRC Inspection Report 90-200-9 concerning a human factors review of the station blackout procedure. This review deleted the commitment since the human factors issues noted in the commitment are presently maintained by routine standards and processes not in existence when the inspection took place. SE-11, Loss of Off-Site Power attachments that require tools now contain a list of the tools required. Performance of these attachments is included in Licensed/Non-Licensed Operator training. Additionally, RT-O-100-505-2, Emergency Operating Procedure Tool Inventory, performs a regular inventory of all Emergency Operating Procedures.

T00787

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was generated in response to Event Investigation Report 2-90-041. This original commitment is associated with Secondary Containment draw down tests. This review removed ST-0-009-200-2(3) from the implementing activities and clarified the commitment with regard to completion frequency for secondary containment 'event related (draw down) tests' or tests dependent on plant conditions. This assures consistency with revised ST performance requirements.

T00792

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was generated as a result of LER 2-90-009 and revised GP procedures to ensure that the Rod Block Monitor was proven operable prior to reaching 30 percent power. This review revised the commitment to clarify that the Power Range Monitor Mod for Unit 3 did not impact compliance with this commitment and identified GP-2, Normal Plant Start-up, as the implementing procedure.

T00925

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was generated as a result of LER 2-90-037. The commitment reviewed and revised appropriate procedures to strengthen programmatic controls to ensure inoperable IRMs and other neutron monitoring equipment were not incorrectly placed in service. This review revised the commitment to clarify that the Power Range Monitor Mod for both units does not impact compliance with this commitment.

T01853

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was in response to an unresolved item from NRC Inspection Report 77-05 concerning provisions for ensuring adequate cooling for a fuel bundle located in a sipping can in the event forced flow in the sipping stage is lost. This review was based on a GE evaluation and changed the commitment to allow for temporary evacuation of the Refuel Floor during sipping of discharged fuel for dry cask storage by leaving the bundle and container in a safe condition with adequate coolant flow maintained by natural circulation with the sipping can lid open.

T03309

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was generated as a result of NRC Inspection Report 86-25 and concerned suggested procedural enhancements to SE-11, Loss of Off-Site Power. This review determined that the commitment was unnecessary and could be deleted based on Tech Spec B3.7.2 which states that room cooling is not required. However, this review does not delete the provisions in procedure SE-11 for performing Attachment U, Opening Secondary Containment Doors to Support Long Term HPCI/RCIC Operation.

T03596

Unit Implemented:
Unit 2: N/A Unit 3: X

The original commitment was generated as a result of LER 3-94-006 and concerned the flow bias adjustment of APRM flow signal to core flow. This review changed the commitment to state that GP-2, Normal Plant Start-up, does not implement this commitment for Unit 3 due to installation of the Power Range Monitor modification. This commitment is now address by RT-I-002-250-3.

T03764/T03765

Unit Implemented:
Unit 2: X Unit 3: X

The original commitments were based on a letter written to the NRC during the ITS project concerning items relocated during the changeover from Custom Tech Spec (CTS) to Improved Tech Specs (ITS). This review deleted the commitments based on the safety evaluation and revisions to test procedure ST-O-009-200-2(3), Secondary Containment Capability Test. Programmatic barriers remain in place to ensure that the related Tech Spec Surveillance requirements and frequency are satisfied.

T03817

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was to ensure adherence to a custom Tech Spec item that was relocated into the Plant Specific Technical Guideline (PSTG - T-102 - PC/H) during the implementation of ITS. This review deleted the commitment for the post-LOCA Primary Containment repressurization strategy. The deletion of this commitment was justified by a safety evaluation determination that it is acceptable to operate CAD in the purge mode in accordance with BWR Owner's Group recommendations.

T04149

Unit Implemented:
Unit 2: X Unit 3: X

The original commitment was in response to NRC Notice of Violation 98-06 and concerned resetting of the APRM Flow Biased High Scram value for single loop operation. This review changed the commitment to identify the relocation of the commitment from GP-5, Power Operations to OT-112, Unexpected/Unexplained Change in Core Flow Procedure. In addition, the commitment is revised to refer to the trip of the 'appropriate pump' rather than the 'low speed pump' as determined by shift management.

Core Operating Limits

COLR PB2C13

Unit Implemented:
Unit 2: X Unit 3: N/A

This review evaluated the revisions to Peach Bottom 2 Cycle 13 (PB2C13) Core Operating Limits Reports (COLR). This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

COLR PB3C13

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the acceptability of the issuance of the initial revision of the Core Operating Limits Report (COLR), Revision 0, for PBAPS Unit 3 Reload 12, Cycle 13. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

COLR PB3C12

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the replacement of the existing non-safety related Reactor Core Flow Instrumentation associated with the Non-Calibrated Jet Pumps which are part of the Reactor Instrumentation. This activity required changes to Sections 7.8.5.3, figures 7.3.1 sheets 1, 2, 3, & 4, and Table 7.8.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

COLR PB3C12

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the acceptability of the Core Operating Limits Report (COLR), Revision 4, for Peach Bottom Atomic Power Station Unit 3 Cycle 12, due to the incorporation of revised ARTS (APRM, RBM Technical Specification Improvement Program) Power-Dependent MCPR and MAPLHGR thermal limits curves for off-rated power and flow conditions during cycle extension operation with a Final Feedwater Temperature Reduction (FWTR) of 90 degrees F. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

ECR

98-02235/98-02236

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the change to the control rod drive (CRD) high temperature alarm setpoint. This activity required a change to Table 7.7.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

ECR DCR

97-02522

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the proposed activity of steady state operation with one Main Steam Line (MSL) isolated is limited to not more than 75% of rated power. This activity required changes to Section 4.6 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00352/99-00114

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes to the organization for Peach Bottom Atomic Power Station (PBAPS) Unit 2 and 3 with the dissolution of the Industrial Risk Management Section and disbursement of the responsibilities to other organizations. This activity required changes to Sections 13.2.2, 13.3.1.2, and Figures 13.2.2 and 13.2.3 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00533

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the changes being made to the description of the RHR/HPSW cross tie contained in the UFSAR. This activity required changes to Section 10.7 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-01181/98-01265

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the proposed activity of operation with a feedwater temperature reduction (FWTR) of up to 90 degrees fahrenheit at full power for cycle extension and during coastdown operation for Units 2 and 3. This activity required changes to Sections 3.7.5, 5.2.4.3, Table 5.2-1, Sections 14.5, 14.6.3, and Appendix M of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-03130

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated various administrative changes to the UFSAR Section 13 and Appendix D, which included the elimination of Site Support Services, movement of Document Services Section to Engineering, movement of EPIX program to Plant Engineering, and procedural changes. This activity required changes to Section 13 and Appendix D of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

99-00456

Unit Implemented:
Unit 2: X Unit 3: X

The review evaluated the change to the Peach Bottom UFSAR to reflect new ECCS-LOCA peak clad temperature (PCT) values. This activity required changes to Section 6.5.1. of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

99-00872

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes to the onsite organizations at PBAPS and the offsite nuclear support organization as a result of the Target 2000 initiative. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-01127

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes to Revision 3 of the Administrative Procedure A-C-31, "Nuclear Staff Qualification Requirements and Organizational Structure Control," and Revision 3 to Exhibit A-C-31-2, "Unit Staff Minimum Qualification Requirements Matrix." This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-01599

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes to the Nuclear Engineering Division offsite support organization. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-01814

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the load growth margin on station batteries 2B and 3B by de-energizing the Appendix R lighting used at the alternative control panels and along the travel paths between the alternative control panels. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-01826

Unit Implemented:
Unit 2: X Unit 3: X

This reviewed evaluated the proposed activity of using a smoothed core flow signal to demonstrate compliance with the safety analysis assumptions. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-02056

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated two changes to Section 10.4 of the UFSAR to more accurately describe the refueling outage process with the use of a Single Failure Proof dryer/separators strongback. This activity required changes to Section 10.4.5 and Figure 10.4.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-02673/99-02675

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the increase in the maximum critical load (MCL) rating of the Reactor Building overhead cranes. This activity required changes to Section 10.4.10 of the UFSAR. Based on this safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

ECR MOD

97-02956/98-01420

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the abandoning in place of the Reactor Recirculation Pump upper seal leak detection system flow switches and provided the justification to use other methods to determine Reactor Recirculation Pump seal leakage in lieu of the method described in the SAR. This activity required changes to Sections 4.3 and 7.9 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00668

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the removal of the trip function of the Fresh Air Fans OAV079 and OBV079, temperature switch TS-00156. This activity required a change to Figure 10.13.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00811

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the Independent Spent Fuel Storage Installation design and construction of a seismically designed, reinforced concrete storage pad and associated retaining walls in the owner controlled area outside the Protected Area Boundary. This activity required changes to Drawing No. C-1 and Figure 2.2.9 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00812

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the installation of the Rock Run Creek Crossing Bridge design, construction, and supporting abutments, wing walls, pile foundation, bearing pads, and approach slabs. This activity required changes to Section 2.2.9 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-00815

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the construction of a heavy load haul access road outside of the Protected Area Boundary (PAB). This activity required changes to Drawing No. C-1 and Figure 2.2.9 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-01341

Unit Implemented:
Unit 2: X Unit 3: X

The review evaluated the revision to Unit 2 and Unit 3 TRM Section 3.14.9, "Water Suppression Systems" to reflect the replacement of the Turbine Building Hatch Area Sprinkler System deluge valve with an alarm check valve. This activity required a change to Table 3.14.9-1 of the TRM. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-01931

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated UFSAR and other design basis document changes associated with the revisions for the PBAPS Fire Safe Shutdown Analysis. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

98-03047

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the replacement of the existing non-safety related Reactor Core Flow Instrumentation associated with the Non-Calibrated Jet Pumps which are part of the Reactor Instrumentation. This activity required changes to Figures 7.3.1 sheets 1, 2, 3, & 4, and 7.8 Table-1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

98-03104

Unit Implemented:
Unit 2: X Unit 3: X

The review evaluated the installation of Data Acquisition System (DAS) Upgrade to replace the existing obsolete DAS with upgraded equipment to mitigate potential failures related to year 2000 (Y2K) date programming. This activity required changes to Figure 3.4.8 Sheet 1 and 2, and Figure 11.8.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

99-02131

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the increased torque capability of the actuator for MO-3-12-015 (MO-15) by providing a logic circuit change. This activity required a change to Figure 4.9.4B of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

ECR NCR

97-02267

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the effect of the changes associated with the re-analysis of the Peach Bottom Units 2 and 3 Recirculation System Piping, and those portions of the Residual Heat Removal and Reactor Water Clean-Up System piping that are inside primary containment. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

98-01548

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the as-found condition of the Main Control Room Emergency Ventilation (MCREV) system train 'A' identified on June 20, 1998, the use of local manual operator actions to monitor MCREV system operation and to assure adequate MCREV system air flow, and the use of real time weather data to evaluate future as-found air flow rates to determine the ability of the MCREV system to maintain the maximum average control room temperature to 114 degrees fahrenheit or less. This activity required a change to Chapter 10.13 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-01669

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the stroke time change and its impact to safety margin with respect to time required for LPCI injection and Primary containment isolation. This activity required a change to Table 7.3.1 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

98-02244/98-02245

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated repair and the use-as-is disposition of a less than adequate design basis for the pump structure ventilation system and the need to improve the pump structure ventilation design to improve the operating margin associated with the system. This activity required changes to Sections 7.19 and 10.14 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

98-03186

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated use-as-is disposition to decrease the depth of water required over spent fuel bundles in the spent fuel pool and reactor cavity when the fuel is in the Refueling Bridge Main Hoist Grapple. This activity required changes to Section 7.6.3 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

99-00678/99-00694

Unit Implemented:
Unit 2: Unit 3: X

This review evaluated the repair disposition and acceptable alternative for the replacement of valve internals by replacing the inner valve with a 1/8" metering pin and installing a different size seat for the AO-3-14-015A(B) valves. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-02182

Unit Implemented:
Unit 2: X Unit 3: N/A

This review evaluated the 2A Recirculation Loop Thermal Event where the piping, pump and valves experienced a water temperature change in excess of design basis. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-02350

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the use-as-is disposition concerning two items which were observed in the Unit 3 reactor vessel and could not be retrieved. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

99-02697

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated the interim repair disposition that installed a jumper to bypass the function of the closure limit switch, LS-7, on the Unit 3 HPCI inboard steam line isolation valve MO-3-23-015. This activity required a change to Figure 7.4.2A of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

MISC. 50.59

CREV Outlet Plenum Door

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated maintenance and testing activities to the Control Room Emergency Ventilation System (CREV) filter train outlet plenum. This activity required no changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

Indicated Core Flows

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated modification of the current PBAPS Power/Flow Map to redefine the Approximate Natural Circulation Line consistent with current plant operations. This activity required no changes to the UFSAR. Based on this safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

Use of 3 Control Blades

Unit Implemented:
Unit 2: X Unit 3: N/A

This review evaluated the operation of Peach Bottom 2 Cycle 13 with 3 control rods (A164, A174, and A181) at exposures of up to 68% B-10 depletion on the top quarter segment and up to 62% on the remaining 3 quarter segments (segments 2, 3, and 4). This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

MOD

P00350

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the installation of ECCS Suction Strainer Replacement for Peach Bottom Units 2 and 3. This activity required changes to Sections 4.8.5 and 6.4.3, and Tables 4.8.1 and 6.4.2 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00400

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the rebuild of six Drywell Chillers and the two Control Room Chillers to improve their performance and reliability, to upgrade the associated chiller instrumentation, and to meet the CFC Containment strategy for PBAPS in response to Title VI of the 1990 Clean Air Act Amendments. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00676

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes to water fire suppression systems as a result of findings of the IPEEE Fire Risk Analysis performed in accordance with Generic Letter 88-20, Supplement 4. This activity required a change to Section 10.12 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a reduction in the margin of safety.

P00677

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the installation of fire rated dampers in HVAC duct penetrations which are located in the Radwaste Building and penetrate through floors that were being upgraded by another modification to fire rated barriers as part of the IPEEE Fire Risk / Fire Safe Shutdown Analyses. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or a produce a reduction in the margin of safety.

P00680

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the installation of a fire detection and suppression system in the Unit 2 and Unit 3 Emergency Switchgear and Battery Rooms, and Corridor 262 located in the Turbine Building, Elevation 135'. This activity required changes to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00685

Unit Implemented:
Unit 2: N/A Unit 3: X

This review addressed Noble Metal Chemical Addition at PBAPS Unit 3 during 3R12 refueling outage. This activity required a change to Appendix A.4.3 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00691

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the installation of the replacement of the existing Suppression Pool Temperature Monitoring System (SPOTMOS) recorders with a wider range programmable data recorder at Peach Bottom Units 2 and 3. This activity required a change to Table 7.20.1 of the UFSAR. Based on this safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00716

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the Main Turbine and RFPT Turbine Supervisor Instrumentation Upgrade, specifically, elimination of the RFPT high vibration trips and Main Turbine exhaust hood high temperature trips. This activity required changes to Sections 7.11.3.2, 7.10.4.1, and 11.2.3 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00733

Unit Implemented:
Unit 2: X Unit 3: N/A

This review evaluated the installation of an End-of-Cycle Recirculation Pump Trip (EOC-RPT) System between the Reactor Recirculation System (RRS) Motor Generator (M-G) Sets and the RRS pump motors at PB Units 2 and 3. This activity required changes to Sections 7.9 and 14.5.5 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

P00802

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated NRC Generic Letter 96-06 "Assurance of Equipment Operability and Containment Integrity during Design Basis Accident Conditions" and the installation of relief valves in the subject piping to prevent thermal over-pressurization of the penetration piping. This activity required a change to Section 7.20.4.11 of the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

PROCEDURES

AO 10.4-3

Unit Implemented:
Unit 2: N/A Unit 3: X

This review evaluated procedure AO 10.4-3, Rev. 7, used to perform the lineup and operation of the RHR system in the shutdown cooling fuel pool to reactor mode. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

RW-C-100, R5

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated changes incorporated into Revision 5 of RW-C-100, "Solid Radwaste Process Control Program" for Peach Bottom Units 2 and 3. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

SO 12.1.A/SO 12.3.A/AO 12.3-2

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated temporary changes to procedures SO-12.1.A-2(3) and SO-12.3.A-2(3) and new procedures AO 12.3-2(3). The new Abnormal Operating (AO) procedures will utilize a jumper to prevent the RWCU MO-15 (the inboard isolation valve) from isolating on a spurious high system flow signal or high system temperature while opening RWCU MO-15 for placing the RWCU system in service in a safe and controlled manner. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

SO12.3.A-2(3)/AO12.4-2(3)

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the permanent revisions to procedures SO 12.3.A-2(3) and new procedures AO 12.4-2(3) to temporarily defeat both channels of the RWCU High Flow isolation signal by equalizing and isolating both channels of instrumentation order to facilitate filling and venting of the instrument lines associated with DPIS-2(3)-12-124A(B). This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

ST-0-009-200-2(3)

Unit Implemented:
Unit 2: X Unit 3: X

This review evaluated the revision to procedures ST-0-009-200-2(3) "Secondary Containment Capability Test." This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

ST-I-07G-102-2(3)

Unit Implemented:
Unit 2: X Unit 3:

This review evaluated the drywell floor drain and equipment drain sump monitoring system would remain operable for Reactor Coolant System (RCS) Leakage Detection Instrumentation as required by TS 3.4.5, during a full PCIS Group II/III isolation, that the RCS Operational Leakage monitoring as required by SR 3.4.1 is maintained, and the requirements of UFSAR section 4.10 are satisfied during the performance of this test. This activity require no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.

TRM 3.14.1

Unit Implemented:
Unit 2: X Unit 3: X

This reviewed evaluated the revision of one required compensatory measure in the "Water Fire Protection System" section of the Technical Requirements Manual (TRM), Section 3.14.1. This activity required no change to the UFSAR. Based on the safety evaluation, it was determined that this change did not constitute an unreviewed safety question or produce a reduction in the margin of safety.



PECO NUCLEAR

A Unit of PECO Energy

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April 24, 2000

Docket Nos. 50-277
50-278
License Nos. DPR-44
DPR-56

H. J. Miller, Administrator, Region I
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

SUBJECT: Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3
Annual 10 CFR 72.48 Report For The Period
January 1, 1999 through December 31, 1999

Gentleman:

Enclosed is the 1999 Annual 10 CFR 72.48 Report as required by 10 CFR 72.48(b)(2). If you have any questions or require additional information, please contact A. A. Winter at (717) 456-3598.

Sincerely,

John Doering Jr.
Vice President,
Peach Bottom Atomic Power Station

John Doering
JD/MEW/AAW

Attachment

cc: Division Chief, Nuclear Safety Division, DEP, Commonwealth of Pennsylvania
Director, NMSS, NRC, Washington, DC
Energy Resource Administrator, State of Maryland
US NRC, Senior Resident Inspector
A. F. Kirby III, DelMarVa Power
Manager, Financial Controls & Co-Owner Affairs, Public Service Electric and Gas
NRC Document Control Desk, Washington, DC

CCN #00-14026

1999
PEACH BOTTOM ATOMIC POWER STATION
ANNUAL 10 CFR 72.48 REPORT

This report is issued pursuant to reporting requirements for Peach Bottom Atomic Power Station Units 2 and 3 (Facility License Numbers DPR-44 and DPR-56 respectively). This report addresses changes, tests and experiments to the Interim Spent Fuel Storage Installation facility and procedures as they are described in the Peach Bottom Final Safety Analysis Report. This report consists of those changes, tests and experiments were implemented between January 1, 1999 and December 31, 1999.

In response to this requirement, there were no changes, tests, or experiments to ISFSI facility and procedures in 1999.