

PHILADELPHIA ELECTRIC COMPANY

NUCLEAR GROUP HEADQUARTERS
955-65 CHESTERBROOK BLVD.
WAYNE, PA 19087-5691

10CFR50.71(e)(4)
10CFR50.54(a)(3)

(215) 640-6650

GERALD R. RAINEY
VICE PRESIDENT
STATION SUPPORT

June 29, 1993

Docket Nos. 50-277
50-278

License Nos. DPR-44
DPR-56

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

SUBJECT: Peach Bottom Atomic Power Station, Units 2 and 3
Submittal of Revision 11 of the Updated Final
Safety Analysis Report

Dear Sirs:

In accordance with 10CFR50.71(e)(4) and 10CFR50.4(b)(6), this letter submits one original and ten (10) copies of Revision 11 of the Updated Final Safety Analysis Report (UFSAR) for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3. The enclosed copies are being provided to the NRC with a page revision listing that identifies the latest revision date of all current pages in accordance with 10CFR50.71(e)(1). We have also provided page replacement instructions for incorporating Revision 11 into the UFSAR. As required by 10CFR50.71(e)(5), each replacement page contains a bold vertical line in the margin adjacent to each area changed along with the date of the change. Revision 11 reflects changes made up to a maximum of six months prior to this submittal in accordance with the requirements of 10CFR50.71(e)(4). As a result, the UFSAR Revision 11 reflects changes made to PBAPS, Units 2 and 3, under the provision of 10CFR50.59, at least up to January 1, 1993.

The enclosed UFSAR Revision 11 also contains the annual revision of the Quality Assurance (QA) Program Description which is being submitted in accordance with 10CFR50.54(a)(3). The revised QA Program Description (i.e., Appendix D of the UFSAR) reflects editorial and organizational changes and those changes described in Attachment 1 as required by 10CFR50.54(a)(3)(ii).

Based on the information provided in Attachment 1, we have concluded that the QA Program Description changes included in Revision 11 do not reduce the commitments in the QA Program Description previously accepted by the NRC.

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As required by 10CFR50.71(e)(2)(i), I certify that to the best of my knowledge, Revision 11 of the PBAPS UFSAR accurately reflects information and analyses submitted to the NRC, or prepared pursuant to NRC requirements as described above. In addition, as required by 10CFR50.71(e)(2)(ii), Attachment 2 to this letter identifies changes made under the provision of 10CFR50.59 and included in the enclosed Revision 11, but not previously submitted to the NRC.

If you have any questions or require further information, please contact us.

Sincerely,



Attachments
Enclosure

cc: T. T. Martin, Administrator, Region I, USNRC
USNRC, Senior Resident Inspector, PBAPS

(w/attachments & enclosure)
(w/attachments & enclosure)

PHILADELPHIA ELECTRIC COMPANY
1993 QUALITY ASSURANCE PROGRAM DESCRIPTION CHANGES
PBAPS UFSAR REVISION 11

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
17.2.1	Changed "fifteen" organizations to "sixteen"; "six" Senior Vice Presidents to "five"; "ten" Vice Presidents to "eleven" Deleted "Human Resources"	Organizational
17.2.1.2	Deleted "four departments" Changed "Nuclear Engineering and Services" to "Nuclear Engineering and Nuclear Services"	Editorial Organizational
17.2.1.2.2	Changed "Nuclear Engineering and Services" to "Nuclear Engineering and Nuclear Services" Deleted "Nuclear Engineering and Services is under the direction of a Vice President who reports to the Senior Vice President, Nuclear. The Vice President is responsible for the activities which support PECO nuclear facilities."	Organizational Editorial
17.2.1.2.3	Deleted "the Performance Assessment Section" (Approved by NRC, letter dated March 9, 1993)	Organizational
17.2.1.2.3 (8)	Changed "Vice President, Nuclear Engineering and Services" to "Vice President, Nuclear Services" Added "the General Manager, Nuclear Engineering"	Organizational Organizational
17.2.1.2.3.1	Changed "four" sections to "three"	Organizational

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
	Changed "Quality Assurance" (section) to "Assessment"	Organizational
	Deleted "Technical Monitoring" (section)(incorporated into Assessment Section)	Organizational
17.2.1.2.3.1.1	Changed "Quality Assurance" to "Assessment"	Organizational
17.2.1.2.3.1.1 (1)	Deleted "Quality Assurance" (section)	Editorial
(4)	Deleted "Technical Monitoring"	Organizational
(5)	Added "and Technical Monitoring"	Organizational
(6)	Changed "Issue CARs as a result of NQA audit and surveillance activities and verify corrective action" to "Ensure that items requiring corrective action are properly identified and documented in accordance with NQA procedures."	Clarification
(10)(11)(12)	Added items	Organizational
17.2.1.2.3.1.2 (1)	Changed "QV Inspection" to "Quality Verification (QV)"	Clarification
(3)	Changed "Quality Assurance" to "Assessment" Deleted "Technical Monitoring" (Superintendent)	Organizational
(7)	Changed "inspection" to "verification"	Clarification
17.2.1.2.3.1.3 (2)	Changed "Quality Assurance" to "Assessment" Deleted "Technical Monitoring" (Superintendent)	Organizational

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
17.2.1.2.3.1.4	Deleted entire Technical Monitoring Section (combined with "Assessment" in 17.2.1.2.3.1.1)	Organizational
17.2.1.2.3.3	Deleted Performance Assessment Section (Approved by NRC, letter dated March 9, 1993)	Organizational
17.2.1.2.3.3 (new) (was 17.2.1.2.3.4)	Changed "four" to "three"	Organizational
17.2.1.2.3.4)	Changed "Quality Engineering, Vendor Evaluation" to "Assessment"	Organizational
17.2.1.2.3.3 (5)	Changed "Nuclear Engineering and Services" to "Nuclear Engineering and Nuclear Services"	Organizational
17.2.1.2.3.3.1 (was 17.2.1.2.3.4.1)	Changed "Quality Engineering" to "Assessment" (Section)	Organizational
17.2.1.2.3.3.1	Added item (1)	Administrative
(2) [was (1)]	Added "Directing the... planning." Deleted "technical and/or performance based." Added "and surveillance to assure compliance with the QA Program."	Clarification
(3) [was (2)]	No change	
	Deleted "Verification of NRC correspondence" (as requested) (Addressed by 17.2.1.2.3(7))	Simplification
(4) [was (5)]	Added "modifications interface"	Editorial
(5)(6)(7)	Were (1)(3) and (4) under former 17.2.1.2.3.4.2	Organizational

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
(8)	Was (2) under former 17.2.1.2.3.3.3	Organizational
17.2.1.2.3.4.2	Deleted Vendor Evaluation Section (combined with Assessment in 17.2.1.2.3.3.1)	Organizational
	Last paragraph of section was not included in 17.2.1.2.3.3.1. The paragraph is not appropriate to this organizational section, and is a duplication of 17.2.1.8.1.2	Editorial
17.2.1.2.3.3.2 (6) (was 17.2.1.2.3.4.3)	Changed "procedure" to "equipment" (certifications)	Clarification
17.2.1.2.3.3.3 (was 17.2.1.2.3.4.4)	Deleted (2) (added to 17.2.1.2.3.3.1)	Organizational
	Deleted (4) "Preparation of the NQA Budget"	Organizational
	Deleted (15) "Standardization of office/site procedures" (Addressed by 17.2.1.2.3(2))	Organizational
17.2.1.3	Deleted "Methods and Training Division"	Organizational
	Added paragraph on Fire Protection Services	Organizational
17.2.1.4	Deleted "Human Resources"	Organizational
17.2.1.4.1	Deleted Employee Services Department	Organizational
17.2.1.4.1.1	Deleted Safety Division	Organizational
	Deleted description of the Fire Protection Section (added to Production, 17.2.1.3)	Organizational

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
17.2.2	Deleted "Exhibit XI"	Editorial
17.2.2.1.1	Changed "Exhibit XI" to "Exhibit X"	Editorial
17.2.2.3	Changed "Project Q-list" to "Component Record List (CRL)"	Clarification
	Deleted "which includes those items listed in Table D.2.1"	Editorial
17.2.2.5	Changed "QV Inspections" to "Verification"	Clarification
17.2.2.7	Changed "Inspections" to "Verifications"	Clarification
17.2.2.9	Changed "QA Plan" to "QA Program"	Clarification
17.2.2.10	Deleted paragraph on Performance Assessment (Approved by NRC, letter dated March 9, 1993)	Organizational
17.2.5.1	Added sentence eliminating periodic review (pre-approved by NRC)	
17.2.5.1.2	Changed "Exhibit XI" to "Exhibit X"	Editorial
	Deleted "for each plant activity"	Editorial
17.2.7.1.2	Changed "Procurement Engineering Group" to General Manager, NQA	Clarification
17.2.8.4	Changed "Quality Control Conformance Data tags" to "tags or labels"	Clarification
17.2.10.3	Changed "PBAPS QA Plan" to "QA Plan"	Editorial

<u>Para. No.</u>	<u>Description of Change</u>	<u>Change Classification</u>
17.2.14.4	Changed "application of the Quality Control Conformance Data Tag" to "Inspection Report Status in the PIMS database" Added "are statused as accept"	Clarification
Appendix 17.2A (4)	Added alternate "a", related to periodic review of procedures. (Approved by NRC, letter dated July 14, 1992)	
(8)	Changed "one" to "two" (particulars) Added item "b" to provide definition and clarification	Clarification
(15)	Deleted exception to ANSI N45.2.8, Section 2.1	Simplification
Exhibit X	Simplified matrix to refer to series of Nuclear Group procedures rather than specific procedures	Simplification

ATTACHMENT 2

Changes made under 10 CFR 50.59 covered by Revision 11 of the Peach Bottom Atomic Power Station (PBAPS) Updated Final Safety Analysis Report (UFSAR), but not previously submitted to the NRC are identified below.

<u>MODIFICATION NUMBER</u>	<u>UNIT NUMBER</u>	<u>DESCRIPTION</u>
0955P	Unit 2	Install miscellaneous items to complete plant monitoring system
1029E	Unit 2	Various instrumentations for safe shutdown
1665A	Unit 2	Increase of maximum allowable stroke times for Group IV valves
1795	Units 2 & 3	Replace the service and instrument air compressors
1825	Units 2 & 3	Provide local/C.R. alarm for XFMR deluge and fixed water spray systems
1928	Units 2 & 3	Main condenser retrofit
2071	Unit 2	Replacement of D/G starting air check valves & addition of block valve
5095	Unit 2	Emergency cooling water system upgrade
5123	Unit 3	Install labyrinth entrance for RWCU isolation valve rooms
5129	Unit 2	Install air conditioners for MUX's 1 and 5
5164	Unit 2	Provide an operations break trailer and utilities
5218	Unit 3	Add fuses to 3A RPS MG set power feed
5221	Unit 2 & 3	Defeat refuel floor service platform jib crane refueling interlocks
5223	Unit 2	Replace feedwater heater
5228	Units 2 & 3	Provide a high SJAE discharge pressure alarm
5231	Unit 2	Replace condensate flow instrumentation for condensate loops
5233	Unit 2	Removal of reactor core differential pressure indication
5235	Unit 2	Upgrade the refueling platform
5238	Unit 2	Replace D/G fuel oil level indicating switch

ATTACHMENT 2 (Continued)

<u>MODIFICATION NUMBER</u>	<u>UNIT NUMBER</u>	<u>DESCRIPTION</u>
5244	Unit 2	Install piping and sight glass for off-gas sample pipe loop seals
5255	Unit 2	Replace clarified water storage tank level transmitter
5276A	Unit 2	Replace main control room L&N recorders (OTG)
5276B	Unit 2	Replace main control room L&N recorders (non OTG)
5277	Units 2 & 3	Replace/upgrade ESW chemical treatment system piping
5337	Unit 2	Eliminated interferences in sub-pipe room
5340	Units 2 & 3	Install torus room scaffolding storage racks
5344	Unit 2	Install perm vibration probes on HPCI pump/turbine
5393	Unit 2	Install TE's and backfill valves for RPV level instruments

RECEIPT ACKNOWLEDGEMENT FORM

For PBAPS USFAR Controlled Copy # 1-11

For Fire Protection Program Controlled Copy # 1-11

Assigned to: Dr. Thomas E. Murley, Director
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulations
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Please sign below as evidence of receipt of the Peach Bottom Atomic Power Station Updated Final Safety Analysis, Revision 11 and Peach Bottom Atomic Power Station Fire Protection Program, Revision 6, replacement pages. These are controlled documents that must be inserted into your copy of the UFSAR and FPP volumes.

Please take this opportunity to verify the accuracy of your documents by conducting a self-audit. This can be done, while inserting the revision, by making a comparison of each individual page in your documents to the enclosed Page Revision Listing. The most current revision is indicated in the bottom right-hand corner of each page. This revision number should coincide with that indicated on the Page Revision Listing.

If these controlled documents are not needed, or you wish to report missing pages, please contact the UFSAR Revision Coordinator in Licensing at the address below.

Signed / Organization Date

Return to: R. W. Gropp (215-640-6774)
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