Public Service Electric and Gas Company

Harold W. Keiser Chief Nuclear Officer & President Nuclear Business Unit

Public Service Electric and Gas Company

P.O. Box 236, Hancocks Bridge, NJ 08038 609-339-1100

DEC 22 1999

LR-N99504 LCR S99-22

United States Nuclear Regulatory Commission **Document Control Desk** Washington, DC 20555

Gentlemen:

REQUEST FOR CHANGE TO TECHNICAL SPECIFICATIONS **OPERATING LICENSE CHANGES** SALEM GENERATING STATION, UNIT NOS. 1 AND 2 FACILITY OPERATING LICENSE DPR-70 AND DPR-75 **DOCKET NOS. 50-272 AND 50-311**

In accordance with 10CFR50.90, Public Service Electric & Gas (PSE&G) Company hereby requests a revision to the Technical Specifications (TS) for the Salem Generating Station (SGS). In accordance with 10CFR50.91(b)(1), a copy of this submittal has been sent to the State of New Jersey.

Implementation of the proposed changes contained in this submittal will revise the facility operating license for each unit to update the Salem co-owner references to the Philadelphia Electric Company. Specifically, the references to the Philadelphia Electric Company are being changed to GENCO (the place holder name for the new generating company resulting from the proposed merger between PECO Energy Company and Unicom Corporation). The PECO Energy Company submitted similar changes for the Peach Bottom Atomic Power Station and the Limerick Generating Station, along with justification for the associated operating license transfer request to the NRC in a letter dated December 20, 1999.

The proposed changes have been evaluated in accordance with 10CFR50.91(a)(1), using the criteria in 10CFR50.92(c), and a determination has been made that this request involves no significant hazards considerations. The basis for the requested change is provided in Attachment 1 to this letter. A 10CFR50.92 evaluation, with a determination of no significant hazards consideration, is provided in Attachment 2. The marked up Technical Specification pages affected by the proposed changes are provided in Attachment 3.

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Upon NRC approval of this proposed change, PSE&G requests that the amendment be made effective on the date of issuance, but allow an implementation period of sixty days to provide sufficient time for associated administrative activities. Should you have any questions regarding this request, please contact Mr. James Priest at 856-339-5434.

Sincerely,

Affidavit
Attachments (3)

C Mr. H. Miller, Administrator - Region I U. S. Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406

Mr. W. Gleaves
Licensing Project Manager - Salem
U. S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 08B1A
11555 Rockville Pike
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USNRC Senior Resident Inspector - SGS (X24)

Mr. K. Tosch, Manager IV Bureau of Nuclear Engineering P. O. Box 415 Trenton, NJ 08625

REF: LR-N99504 LCR S99-22

STATE OF NEW JERSEY)	
)	SS
COUNTY OF SALEM)	

H. W. Keiser, being duly sworn according to law deposes and says:

I am President and Chief Nuclear Officer of Public Service Electric and Gas Company, and as such, I find the matters set forth in the above referenced letter, concerning Salem Generating Station, Units 1 and 2, are true to the best of my knowledge, information and belief.

Subscribed and Sworn to before me this and day of Joan ber. 1999

Notary Public of New Jersey

My Commission expires on ____(

SALEM GENERATING STATION FACILITY OPERATING LICENSES DPR-70 & DPR-75 DOCKET NOS. 50-272 & 50-311 REVISIONS TO THE TECHNICAL SPECIFICATIONS (TS)

BASIS FOR REQUESTED CHANGE:

Public Service Electric and Gas Company (PSE&G), under Facility Operating License Nos. DPR-70 and DPR-75 for the Salem Generating Station, requests that the Facility Operating License for each unit be revised to update the Salem co-owner references to the Philadelphia Electric Company. Specifically, the references to the Philadelphia Electric Company are being changed to GENCO (the place holder name for the new company resulting from the proposed merger between PECO Energy Company (PECO Energy) and Unicom Corporation). PECO Energy is requesting similar conforming license changes which will revise Peach Bottom Atomic Power Station (PBAPS), Units 1, 2 and 3, and Limerick Generating Station (LGS), Units 1 and 2, Facility Operating Licenses (FOLs), including Appendix A, Technical Specifications (TS), for PBAPS, Unit 1, and Appendix B, the Environmental Protection Plan (EPP) for LGS, Units 1 and 2, to reflect the transfer of each facility's license from PECO Energy to GENCO. The proposed changes to the Salem operating license reflect the changes submitted by PECO Energy.

REQUESTED CHANGE, PURPOSE AND BACKGROUND:

The TS changes associated with this request are contained in Attachment 3. The proposed changes affect Facility Operating License for Salem Unit 1 and Unit 2. The changes are considered to be editorial in nature and are being made to reflect the current status of one of Salem's co-owners. The specific proposed changes are described below:

Salem Unit 1

- 1. FOL Page 1, Header replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 2. FOL Page 2, Paragraph 2 replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 3. FOL Page 2, Paragraph 2.A replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.

- 4. FOL Page 3, Paragraph 3.B(1) replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 5. Appendix C replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.

Salem Unit 2

- 1. FOL Page 1, Header replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 2. FOL Page 2, Paragraph 2 replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 3. FOL Page 2, Paragraph 2.B(1) replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.
- 4. Appendix C replace "Philadelphia Electric Company" with "GENCO" to reflect change in owner.

JUSTIFICATION OF REQUESTED CHANGES:

The proposed changes are editorial in nature and only reflect the name change of one of Salem's co-owners from Philadelphia Electric Company to GENCO. No physical or operational changes to the facilities will result from the proposed changes. The proposed changes do not change or alter the design assumptions for the systems or components used to mitigate the consequences of an accident, and the initial conditions and methodologies used in the accident analyses for all of the facilities remain unchanged. Therefore, accident analyses results are not impacted. All Safety Limits, Limiting Safety System Settings, and Limiting Conditions for Operation specified in each facility's Technical Specifications will remain unchanged. Therefore, the proposed conforming amendments do not adversely affect nuclear safety or safe plant operation.

ENVIRONMENTAL IMPACT:

The proposed TS changes were reviewed against the criteria of 10CFR51.22 for environmental considerations. The proposed changes do not involve a significant hazards consideration, a significant increase in the amounts of effluents that may be released offsite, or a significant increase in the individual or cumulative occupational radiation exposures. Based on the foregoing, PSE&G concludes that the proposed TS changes meet the criteria given in 10CFR51.22(c)(9) for a categorical exclusion from the requirements for an Environmental Impact Statement.

SALEM GENERATING STATION FACILITY OPERATING LICENSES DPR-70 & DPR-75 DOCKET NOS. 50-272 & 50-311 REVISIONS TO THE TECHNICAL SPECIFICATIONS (TS)

10CFR50.92 EVALUATION

Public Service Electric & Gas (PSE&G) has concluded that the proposed changes to the Salem Generating Station (SGS) Technical Specifications do not involve a significant hazards consideration. In support of this determination, an evaluation of each of the three standards set forth in 10CFR50.92 is provided below.

REQUESTED CHANGE

Public Service Electric and Gas Company (PSE&G), under Facility Operating License Nos. DPR-70 and DPR-75 for the Salem Generating Station, requests that the Facility Operating License for each unit be revised to update the Salem co-owner references to the Philadelphia Electric Company. Specifically, the references to the Philadelphia Electric Company are being changed to GENCO (the place holder name for the new company resulting from the proposed merger between PECO Energy Company (PECO Energy) and Unicom Corporation).

BASIS

1. The proposed changes do not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed changes only reflect the change in name of one of Salem's coowners, and as such are editorial in nature. No physical or operational changes to
our facilities will result from the proposed changes. The proposed changes do not
change or alter the design assumptions for the systems or components used to
mitigate the consequences of an accident, and the initial conditions and
methodologies used in the accident analyses for all of our facilities remain
unchanged. Therefore, accident analyses results are not impacted. All Safety
Limits, Limiting Safety System Settings, and Limiting Conditions for Operation
specified in each facility's Technical Specifications will remain unchanged.
Therefore, the proposed conforming amendments do not involve a significant
increase in the probability or consequences of an accident previously evaluated.

2. The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated.

The proposed changes, which are editorial in nature and only reflect the change in the name of one of Salem's co-owners, do not affect the design, operation, or maintenance of any system, structure, or component in the plants. The safety functions of the related structures, systems, or components are not changed in any manner, nor is the reliability of any structures, systems, or components reduced. The proposed changes do not affect the manner by which the facilities are operated, and no new or different type of equipment will be installed by this requested change. Therefore, no new failure modes or potential accident initiators are introduced. Therefore, the proposed amendments do not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. The proposed change does not involve a significant reduction in a margin of safety.

The proposed changes are editorial in nature and only reflect the change in name of one of Salem's co-owners, and therefore, have no impact on the margin of safety of any Technical Specification. There is no impact on Safety Limits, Limiting Safety System Settings, or Limiting Conditions for Operation specified in each facility's Technical Specifications. The changes do not affect any plant safety parameters or setpoints. No physical or operational changes to the facilities will result from the proposed changes. Therefore, the proposed amendments do not involve a significant reduction in the margin of safety.

CONCLUSION

Based on the above, PSE&G has determined that the proposed changes do not involve a significant hazards consideration.

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SALEM GENERATING STATION FACILITY OPERATING LICENSES DPR-70 & DPR-75 DOCKET NOS. 50-272 & 50-311 REVISIONS TO THE TECHNICAL SPECIFICATIONS (TS)

TECHNICAL SPECIFICATION PAGES WITH PROPOSED CHANGES

The following Technical Specifications for Facility Operating License No. DPR-70 are affected by this change request:

Technical Specification

Page

Unit 1 Facility Operating License

1, 2 and 3

Appendix C

The following Technical Specifications for Facility Operating License No. DPR-75 are affected by this change request:

Technical Specification

Page

Unit 2 Facility Operating License

1 and 2

Appendix C



UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 2000

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY > PHILADELPHIA BLECTRIC COMPANY DELMARVA POWER AND LIGHT COMPANY ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-272

SALEM NUCLEAR GENERATING STATION, UNIT NO. 1

FACILITY OPERATING LICENSE

Amendment No. 3 License No. DPR-70

- 1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The application for license filed by the Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company, and Atlantic City Electric Company (the licensees) and the application for license amendment dated November 8, 1976, filed by Public Service Electric and Gas Company comply with the standards and requirements of the Atomic Energy Act (the Act) of 1954, as amended, and the Commission's rules and regulations set forth in 10 CFR Chapter I and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the Salem Nuclear Generating Station, Unit No. 1 (facility) has been substantially completed in conformity with Provisional Construction Permit No. CPPR-52 and the application, as amended, the provisions of the Act and the rules and regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - D. There is reasonable assurance: (i) that the activities authorized by this amended operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
 - E. Public Service Electric and Gas Company is technically qualified and the licensees are financially qualified to engage in the activities authorized by this amended operating license in accordance with the rules and regulations of the Commission;

- Independent of the Commission's regulations;
- 3. The issuance of this amended operating license will not be initial to the common defense and security or to the health and safety of the public;
- After weighing the environmental, economic, technical, and other penefits of the facility against environmental and other costs and considering available alternatives, the issuance of Amendment No. 3 to Facility Operating Dicense No. DPR-70 subject to the conditions for protection of the environment set forth in the Technical Specifications, Appendix 3 is in accordance with 10 CFR Part 51 (and with former Appendix D to 10 CFR Part 50) of the Commission's regulations and all applicable requirements have been satisfied; and
- I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this amended license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40, and 70, including 10 CFR Sections 30.33, 40.32, and 70.23 and 70.31.
- 2. Facility Operating License No. DPR-70, issued to the Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company, and Atlantic City Electric Company, is nereby amended in its entirety, to read as follows:
 - A. This amended license applies to the Salem Nuclear Generating Station, Unit No. 1, a pressurized water nuclear reactor and associated equipment (the facility), owned by the Public Service Electric and Gas Company, Philadelphia Slectric Company, Delmarva Power and Light Company, and Atlantic City Electric Company and operated by Public Service Electric and Gas Company. The facility is located on the applicants' site in Salem County, New Jersey, on the southern end of Artificial Island on the east bank of the Delaware River in Lower Alloways Creek Township, and is described in the "Final Safety Analysis Report" as supplemented and amended (Amendments 10 through 39) and the Environmental Report as supplemented and amended (Amendments 1 through 3).
 - 3. Subject to the conditions and requirements incorporated herein, the Commission nereby licenses

C-ENCO (1)

- (1) Public Service Electric and Gas Company,

 Philadelphia Electric Company, Delmarva Power and
 Light Company, and Atlantic City Electric Company
 to possess the facility at the designated location
 in Salem County, New Jersey, in accordance with
 the procedures and limitations set forth in this
 amended license;
- (2) Public Service Electric and Gas Company, pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use and operate the facility;
- (3) Public Service Electric and Gas Company, pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
- (4) Public Service Electric and Gas Company, pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
- (5) Public Service Electric and Gas Company, pursuant to the Act and 10 CPR Parts 30, 40 and 70 to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and
- (6) Public Service Electric and Gas Company, pursuant to the Act and 10 CPR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.
- C. This amended license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated pelow:

APPENDIX C ADDITIONAL CONDITIONS OPERATING LICENSE NO. DPR-70

Public Service Electric and Gas Company, Philadelphia Power and Light Company, and Atlantic City Electric Company shall comply with the following conditions on the schedules noted below:

Tollowing condicions on the same at the below.					
Amendment Number	Additional Condition	Implementation Date			
192	The licensee is authorized to relocate certain Technical Specification requirements to licensee-controlled documents. Implementation of this amendment shall include the relocation of these technical specification requirements to the appropriate documents, as described in the licensee's application dated January 11, 1996, as supplemented by letters dated February 26, May 22, June 27, July 12, December 23, 1996, and March 17, 1997, and evaluated in the staff's safety evaluation attached to this amendment.	The amendment shall be implemented within 60 days from March 21, 1997.			
194	The licensee is authorized to upgrade the initiation circuitry for the power operated relief valves, as described in the licensee's application dated January 31, 1997, as supplemented by letters dated March 14, April 8, and April 28, 1997, and evaluated in the staff's safety evaluation attached to this amendment.	The amendment shall be implemented prior to entry into Mode 3 from the current outage for Salem Unit 1.			
196	The licensee shall complete all modifications associated with the amendment request concerning Containment Fan Cooler Units (CFCU) response time dated October 25, 1996, as described in the letters supplementing the amendment request dated December 11, 1996, January 28, March 27, April 24, June 3, and June 12, 1997, prior to entry into Mode 3 following refueling outage 12. All modifications made in support of this amendment request and described in the referenced submittals shall be in conformance with the existing design basis for Salem Unit 1, and programmatic controls for tank monitoring instrumentation shall be as described in the letter dated April 24, 1997. Post modification testing and confirmatory analyses shall be as described in the letter dated March 27, 1997. Future changes to the design described in these submittals may be made in accordance with the provisions of 10 CFR 50.59. Further, the administrative controls associated with CFCU operability and containment—integrity described in the letters dated March 27, and April 24, 1997 shall not be relaxed or changed without prior staff review until such time as the license has been amended to include the administrative controls as technical specification requirements.	The amendment shall be implemented prior to entry into Mode 3 from the current outage for Salem Unit 1.			
198	The licensee shall perform an evaluation of the containment liner anchorage by November 30, 1997, for the loading induced	The amendment shall be implemented within 30			

on the contianment liner during a Main Steam Line Break event days from July 17, to confirm the assumptions provided in the Preliminary Safety 1997.

Analysis Report and Updated Final Safety Analysis Report.



UNITED STATES NUCLEAR REGULATORY COMM WASHINGTON, D. C. 20955

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY

> PHILADELPHIA ELECTRIC COMPANY

OELMARVA POWER AND LIGHT COMPANY

ATLANTIC CITY ELECTRIC COMPANY

DOCKET NO. 50-311

SALEM NUCLEAR GENERATING STATION, UNIT NO. 2

FACILITY OPERATING LICENSE

License No. OPR-75

- 1. The Nuclear Regulatory Commission (the Commission) having found that:
 - A. The application for license filed by Public Service Electric and Gas Company for itself and the Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (herein-requirements of the Atomic Energy Act of 1954, as amended (the Act), required notifications to other agencies or bodies have been duly made;
 - 3. Construction of the Salem Nuclear Generating Station. Unit No. 2 (facility) has been substantially completed in conformity with Construction Permit No. CPPR-53 and the application, as amended, the provisions of the Act and the regulations of the Commission;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission;
 - O. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - E. Public Service Electric and Gas Company is technically qualified to engage in the activities authorized by this operating license in accordance with the Commission's regulations set forth in 10 CFR Chapter I;

- F. The licensees are financially qualified to engage in the activities authorized by this license in accordance with the Commission's regulations set forth in 10 CFR Chapter I;
- G. The licensees have satisfied the applicable provisions of 10 GFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
- H. The issuance of this operating license will not be inimical to the common defense and security or to the health and safety of the public;
- I. After weighing the environmental, economic, technical and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of Facility Operating License No. OPR-75 subject to the conditions for protection of the environment set forth herein is in accordance with 10 CFR Part 50 Appendix D of the Commission's regulations and all applicable requirements have been satisfied; and
- J. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
- 2. Pursuant to approval by the Nuclear Regulatory Commission at meetings on January 14, 1981, April 28, 1981, and May 19, 1981, the License for Fuel-Loading and Low-Power Testing issued on April 18, 1980 is superseded by Facility Operating License No. DPR-75 hereby issued to Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company (licensees) to read as follows:
 - A. This license applies to the Salem Nuclear Generating Station, Unit No. 2, a pressurized water nuclear reactor and associated equipment (the facility), owned by the licensees. The facility is located on the southern end of Artificial Island on the east bank of the Delaware River in Lower Alloways Creek Township in Salem County, New Jersey and is described in the Final Safety Analysis Report as supplemented and amended and the Environmental Report as supplemented and amended.
 - 3. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:
 - (1) Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company and Atlantic City Electric Company to possess the facility at the designated location in Salem County, New Jersey, in accordance with the procedures and limitations set forth in this license;

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ADDITIONAL CONDITIONS OPERATING LICENSE NO. DPR-75

Public Service Electric and Gas Company, Philadelphia Electric Company, Delmarva Power and Light Company, and Atlantic City Electric Company shall comply with the following conditions on the schedules noted below:

	moded below:			
Amendment Number	Additional Condition	Implementation Date		
175	The licensee is authorized to relocate certain Technical Specification requirements to licensee-controlled documents. Implementation of this amendment shall include the relocation of these technical specification requirements to the appropriate documents, as described in the licensee's application dated January 11, 1996, as supplemented by letters dated February 26, May 22, June 27, July 12, December 23, 1996 and March 17, 1997, and evaluated in the staff's safety evaluation attached to this amendment.	The amendment shall be implemented within 60 days from March 21, 1997.		
177	The licensee is authorized to upgrade the initiation circuitry for the power operated relief valves, as described in the licensee's application dated January 31, 1997, as supplemented by letters dated March 14, April 8, and April 28, 1997, and evaluated in the staff's safety evaluation attached to this amendment.	The amendment shall be implemented prior to entry into Mode 3 from the current outage for Salem, Unit 2.		
179	All modifications made in support of the amendment request concerning Containment Fan Cooler Units (CFCU) response time dated October 25, 1996, as described in the letters supplementing the amendment request dated December 11, 1996, January 28, March 27, April 24, June 3, and June 12, 1997, shall be in conformance with the existing design basis for Salem Unit 2, and programmatic controls for tank monitoring instrumentation shall be as described in the letter dated April 24, 1997. Post modification testing and confirmatory analyses shall be as described in the letter dated March 27, 1997. Future changes to the design described in these submittals may be made in accordance with the provisions of 10 CFR 50.59. Further, the administrative controls associated with CFCU operability and containment integrity described in the letters dated March 27 and April 24, 1997, shall not be relaxed or changed without prior staff review until such time as the license has been amended to include the administrative controls as technical specification requirements.	The amendment shall be implemented prior to entry into Mode 3 from the current outage for Salem, Unit 2.		
181	The licensee shall perform an evaluation of the containment liner anchorage by November 30, 1997, for the loading induced on the containment liner during a Main Steam Line Break event to confirm the assumptions provided in the Preliminary Safety	The amendment shall be implemented within 30 days from July 17,		

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to confirm the assumptions provided in the Preliminary Safety

Analysis Report and Updated Final Safety Analysis Report.

1997.