

POINT BEACH NUCLEAR PLANT UNITS 1 & 2
FINAL SAFETY ANALYSIS REPORT

LIST OF EFFECTIVE PAGES

The following is a List of Effective Pages for the Point Beach Nuclear Plant Final Safety Analysis Report (FSAR). This List of Effective Pages should be filed at the front of the FSAR manual.

All holders of this FSAR should check their manuals against this List of Effective Pages to ensure that the FSAR is accurate and complete.

Some figures are identified as for information only because they are updated on a periodic frequency commensurate with the docketed submittal of this FSAR.

The last update submitted to the NRC is identified on the lower-left hand side of each page, followed by the update year, (e.g., UFSAR 2007).

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DESCRIPTION OF CHANGES

Table of Contents	
Throughout	Editorial Changes: Editorial changes were made to correct grammar, punctuation, spelling, and to ensure consistency between text headings, table titles, figure titles, table of contents, etc. These changes may not be identified by a revision bar.
<u>Chapter 1</u>	
FSAR 1.2-17	Updated Figure to reflect approved drawing of record.
FSAR 1.3-2	Editorial Change: Incorporated historical design input information for tornado missile protection. (EC 295937)
FSAR 1.3-19	Editorial Change: Added reference related to historical design input information for tornado missile protection. (EC 295937)
<u>Chapter 2</u>	
FSAR 2.5-4 through FSAR 2.5-7	Editorial Change: Clarified discussions and descriptions pertaining to lake flooding and wave run-up effects. (EC 294339)
FSAR 2.5-4 through FSAR 2.5-7	Licensing Basis Change: Update to the discussions and descriptions pertaining to lake flooding, and in particular wave run-up effects, to incorporate the results of Calculation NEE-556-CALC-001. (EC 294339)
FSAR 2.7-2	Editorial Change: Removed the word “algae” from the paragraph. (EC 294600)
FSAR 2.11-2 through FSAR 2.11-3	Editorial Change: Added new references #33 and #34. (EC 294339)
<u>Chapter 5</u>	
FSAR 5.6-1	Licensing Basis Change: Added paragraph describing containment building truss structures. (EC 295893)
<u>Chapter 6</u>	
FSAR 6.2-38	Removed Service Water Pump accident function of supplying water to the AFW pump bearing. (EC 290734)
FSAR 6.2-44	Updated Figure to reflect approved drawing of record.

<u>Chapter 7</u>	
FSAR 7.1-5	Editorial Change: Removed the word “fully” to alleviate controversy regarding the use of an isolation amplifier. (EC 293640)
FSAR 7.2-27	Editorial Change: Updated ambient temperature to better clarify the acceptable ambient temperature range. (EC 294090)
FSAR 7.5-6	Editorial Change: Replaced description of LEFM requirements with a reference to the location where they are described in the TRM. (EC 294464)
FSAR 7.5-6	Editorial Change: Removed manufacturer and replaced model number for the LEFM replacement meter. (EC 293966)
<u>Chapter 8</u>	
FSAR 8.0-16	Updated Figure to reflect approved drawing of record.
FSAR 8.1-3	Editorial Change: In Open Phase Protection paragraph, replaced the word "analyze" with the word "evaluate" and replaced the word "Analysis" with the word "Evaluations". (EC 295892)
FSAR 8.1-3 through FSAR 8.1-4	Licensing Basis Change: Verbiage added to Section 8.1.3 related to open phase conditions as required by the NRC commitment to follow the NEI Open Phase Condition Industry Initiative and added New References 4-6. (EC 294085)
FSAR 8.6-2	Licensing Basis Change: Updated to reflect inverter replacement. (EC 294142)
FSAR 8.6-5	Updated Figure to reflect approved drawing of record.
<u>Chapter 9</u>	
FSAR 9.3-30 through FSAR 9.3-32	Updated Figure to reflect approved drawing of record.
FSAR 9.6-9	Updated Figure to reflect approved drawing of record.
FSAR 9.6-10	Updated Figure to reflect approved drawing of record.
FSAR 9.6-13	Updated Figure to reflect approved drawing of record.
FSAR 9.6-14	Updated Figure to reflect approved drawing of record.
FSAR 9.7-1	Editorial Change: Under Non-Safety Related, Non-QA Functions header in the Service Air System item, added the sentence "However, the SA system is capable of providing dried air through the SA dryer." (EC 295892)
FSAR 9.7-3	Deleted text listing the Service Air System function as a backup air supply to the Emergency Breathing Air System. (EC 290303)
FSAR 9.8-1	Editorial Change: Updated ambient temperature to better clarify the acceptable ambient temperature range. (EC 294090)

<u>Chapter 10</u>	
FSAR 10.1-10	Editorial Change: TRM number incorrectly stated, replaced with correct TRM number. (EC 293966)
FSAR 10.1-33	Updated Figure to reflect approved drawing of record.
FSAR 10.1-41	Updated Figure to reflect approved drawing of record.
FSAR 10.1-49	Updated Figure to reflect approved drawing of record.
FSAR 10.1-50	Updated Figure to reflect approved drawing of record.
FSAR 10.2-7	Editorial Change: Removed a confusing discussion of 230 gpm in the context of Chapter 14 Loss of Normal Feedwater and Loss of All AC Power to Station Auxiliaries use and removed References 20 and 21. (EC 290734)
FSAR 10.2-12	Updated Figure to reflect approved drawing of record.
<u>Chapter 11</u>	
FSAR 11.2-24	Updated Figure to reflect approved drawing of record.
FSAR 11.4-6	Licensing Basis Change: Deleted the sentence referring to the presence of the emergency breathing air (EBA) system. (EC 294384)
FSAR 11.5-9	Deletion: Removed Offsite Radiation Protection Facility because Site Boundary Control Center will no longer have radiation monitoring. (EC 293786)
FSAR 11.5-13	Deletion: Removed Detector RE-243 because it will no longer be usable. (EC 293786)
FSAR 11.5-15	Deletion: Removed Detector RE-243 because it will no longer be usable. (EC 293786)
FSAR 11.5-20	Deletion: Removed Detectors RE-241 and RE-242 because they will no longer be usable. (EC 293786)
FSAR 11.5-23	Deletion: Removed Detectors RE-241 and RE-242 because they will no longer be usable. (EC 293786)
<u>Chapter 12</u>	
FSAR 12.2-2	Editorial Change: Under the Plant Organization header, replaced the acronym "FPL" with "NextEra" and added the acronym "LLC" after "Point Beach". (EC 295892)
<u>Chapter 14</u>	
FSAR 14.0-9 through FSAR 14.0-10	Editorial Change: Revised to address the impact of an increased RTD response time and resulting affected analyses due to the replacement of the Unit 1 RTDs. Additionally, several administrative changes are also made to correct typographical errors and to provide clarification information. (EC 291441)

Chapter 14 continued	
FSAR 14.0-13	Licensing Basis Change: Revised to address the impact of an increased RTD response time and resulting affected analyses due to the replacement of the Unit 1 RTDs. (EC 291441)
FSAR 14.1.2-2 through FSAR 14.1.2-14	Licensing Basis Change: Revised to address the impact of an increased RTD response time and resulting affected analyses due to the replacement of the Unit 1 RTDs. Additionally, several administrative changes are also made to provide clarification information and update figures. (EC 291441)
FSAR 14.1.9-1 through FSAR 14.1.9-3	Editorial Change: Deleted outdated references and provided clarification information. (EC 291441)
FSAR 14.1.11-2	Removed a confusing discussion of 230 gpm in the context of Loss of All AC Power to Station Auxiliaries use and removed References 6 and 7. (EC 290734)
FSAR 14.1.11-3	Removed References 6 and 7. (EC 290734)
FSAR 14.1.12-1	Licensing Basis Change: Added paragraph describing the results of the latest study on the probability of turbine overspeed. (EC 294916)
FSAR 14.1.12-1	Editorial Change: Reorganized Chapter 14.1.12 by adding "Historical System Information" subheading to separate the previous analyses from the new analysis. (EC 294916)
FSAR 14.1.12-4	Licensing Basis Change: Added a reference for the supporting analysis of the latest study on the probability of turbine overspeed. (EC 294916)
FSAR 14.2.4-2	Added a discussion from Letter NRC 2011-0086. (EC 290734)
FSAR 14.2.5-2	Editorial Change: Deleted outdated reference. (EC 291441)
FSAR 14.2.5-6	Licensing Basis Change: Revised to address the impact of an increased RTD response time and resulting affected analyses due to the replacement of the Unit 1 RTDs. (EC 291441)
FSAR 14.2.5-10	Editorial Change: Corrected transcription errors that occurred during the development of EC 291075 related to peak pressures and temperatures. (EC 293939)
FSAR 14.2.5-12	Editorial Change: Deleted outdated reference. (EC 291441)
FSAR 14.3.4-3	Editorial Change: Removed reference to deleted table and text. (EC 294188)
FSAR 14.3.4-9	Editorial Change: Removed reference to deleted table and text. (EC 294188)
FSAR 14.3.4-10	Editorial Change: Removed reference to deleted table and text. (EC 294188)
FSAR 14.3.4-11	Editorial Change: Removed reference to deleted table and text. (EC 294188)

<u>Chapter 14</u> <u>continued</u>	
FSAR 14.3.4-12	Editorial Change: Removed reference to deleted table and text. (EC 294188)
FSAR 14.3.4-16	Editorial Change: Updated table within text. (EC 294188)
FSAR 14.3.4-20	Editorial Change: Updated figures within text. (EC 294188)
<u>Appendix A</u>	
FSAR A.5-4	Licensing Basis Change: Modified table to display a separate entry for the containment dome truss structures. (EC 295893)
FSAR A.5-8	Licensing Basis Change: Added note to table with details about containment dome truss structures. (EC 295893)
FSAR A.5-21 through FSAR A5-24	Licensing Basis Change: Added section discussing the structural qualification of the containment dome construction truss structures. (EC 295893)
FSAR A.5-26 through FSAR A5-27	Licensing Basis Change: Added references. (EC 295893)
FSAR A.5-30 through FSAR A.5-35	Editorial Change: Corrected and expanded FSAR Table A.5-3 to the docketed license bases, corrected the bases where the original docketed information was lacking or incorrect, and included historical context and caveats use of later approved Codes and Standards for new equipment, modifications, etc. (EC 295543)
FSAR A.7-2	Licensing Basis Change: FSAR A.7-2 is being updated to denote that the lake surge is now the limiting lake flood event. (EC 294339)
FSAR A.7-2	Editorial Change: Under the Wave Run up Event header, added the word "a" between the words "during" and "Wave Runup Event". (EC 295892)

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