

ESBWR Design Certification Final Rule
Regulatory History Index (DRAFT)

Document	ADAMS Accession No./ web link/ Federal Register citation
Proposed Rule Documents:	
SECY-11-0006, "Proposed Rule—ESBWR Design Certification"	ML102220172
Staff Requirements Memorandum for SECY-11-0006, "Proposed Rule—ESBWR Design Certification"	ML110670047
General Electric Company Application for Final Design Approval and Design Certification of ESBWR Standard Plant Design.	ML052450245
ESBWR Design Control Document, Revision 9	ML103440266
ESBWR Final Safety Evaluation Report (NUREG-1966)	ML14100A304
ESBWR FSER Final Chapters	ML103470210
Final Design Approval for the Economic Simplified Boiling Water Reactor	ML110540310
ESBWR Draft Environmental Assessment	ML102220247
ESBWR Proposed Rule Federal Register Notice, 76 FR 16549, March 24, 2011	ML110610353
Public Comments on the March 2011 Proposed Rule:	
Comment (1) from Farouk D. Baxter on Environmental Impact Statement for Two AP1000 Units at Levy County Site	ML102350160
Comment submission S1 from Paul C. Daugherty	ML110880057
Comment submission S2 from Farouk D. Baxter	ML110880315
Comment submission S3 from Patricia T. Birnie, Chair, General Electric Stockholders' Alliance	ML11158A088
Comment submission S4 from anonymous	ML11187A303
Comment submission P1, Emergency Petition To Suspend All Pending Reactor Licensing Decisions and Related Rule-making Decisions Pending Investigation of Lessons Learned From Fukushima Daiichi Nuclear Power Station Accident (initial).	ML111040472
Comment submission P2, Emergency Petition To Suspend All Pending Reactor Licensing Decisions and Related Rule-making Decisions Pending Investigation of Lessons Learned From Fukushima Daiichi Nuclear Power Station Accident (amended).	ML111080855
Comment submission P3, Declaration of Dr. Arjun Makhijani in Support of Emergency Petition To Suspend All Pending Reactor Licensing Decisions and Relating Rulemaking Decisions Pending Investigation of Lessons Learned From Fukushima Daiichi Nuclear Power Station Accident.	ML111100618
Comment submission P4, Comment of Jerald Head on Behalf of GE-Hitachi Nuclear Energy Opposing Petition To Suspend All Pending Reactor Licensing Decisions and Related Rulemaking Decisions Pending Investigation of Lessons Learned From Fukushima Daiichi Nuclear Power Station Accident.	ML11124A103
Comment submission P5, Petitioners' Reply to Responses to Emergency Petition To Suspend All Pending Reactor Licensing Decisions and Related Rulemaking Decisions Pending Investigation of Lessons Learned From Fukushima Daiichi Nuclear Power Station Accident.	ML111260637
Comment submission P6, Comments of Terry J. Lodge on PR 52, NEPA Requirement To Address Safety and Environmental Implications of the Fukushima Task Force Report From ESBWR, Fermi 3 Intervenors.	ML112430118
Public Comments Compilation—Final Rule—ESBWR Design Certification (RIN 3150-AI85)	ML113130141
Supplemental Safety Evaluation for the ESBWR Design Certification:	
Advanced Supplemental Safety Evaluation Report for the Economic Simplified Boiling-Water Reactor Standard Plant Design.	ML14043A134
Supplemental Safety Evaluation Report for the Economic Simplified Boiling-Water Reactor Standard Plant Design	ML14155A333
Supplemental Proposed Rule Documents:	
ESBWR Design Control Document, Rev. 10	ML14104A929
ESBWR Supplemental Proposed Rule Federal Register Notice, 79 FR 25715, May 6, 2014	ML14043A508
Final Rule Documents:	
SECY-14-0081, "Final Rule—ESBWR Design Certification"	ML111730346
Staff Requirements Memorandum for SECY-14-0081, "Final Rule—ESBWR Design Certification"	ML14259A545
ESBWR Final Environmental Assessment	ML111730382
Other Documents Relevant to the ESBWR Rulemaking:	
NEDO-33306, Revision 4, "ESBWR Severe Accident Mitigation Design Alternatives"	ML102990433
NEDO-33312, Rev. 5, "ESBWR Steam Dryer Acoustic Load Definition"	ML13344B157

Document	ADAMS Accession No./ web link/ Federal Register citation
NEDO-33313, Rev. 5, "ESBWR Steam Dryer Structural Evaluation"	ML13344B158
NEDO-33338, Revision 1, "ESBWR Feedwater Temperature Operating Domain Transient and Accident Analysis"	ML091380173
NEDO-33408P, Revision 5, "ESBWR Steam Dryer—Plant-Based Load Evaluation Methodology, PBLE01 Model Description".	ML13344B159
Commission Memorandum and Order (CLI-11-05), September 9, 2011 (available on the NRC Web site in Volume 74 at http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr0750/).	ML112521106
Commission Order, "Scheduling Order of the Secretary Regarding Petitions To Suspend Adjudicatory, Licensing and Rulemaking Activities (PR 52 re ESBWR Design Certification)".	ML111101277
Order EA-12-049, "Order Modifying Licenses With Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events".	ML12054A735
Order EA 12-051, "Order Modifying Licenses With Regard to Reliable Spent Fuel Pool Instrumentation"	ML12054A679
Staff Requirements Memorandum for SECY-90-377, "Requirements for Design Certification Under 10 CFR Part 52"	ML003707892
SECY-94-084, "Policy and Technical Issues Associated With the Regulatory Treatment of Non-Safety Systems in Passive Plant Designs".	ML003708068
Staff Requirements Memorandum for SECY-96-077, "Certification of Two Evolutionary Designs"	ML003754873
SECY-96-077, "Certification of Two Evolutionary Designs"	ML003708129
Staff Requirements Memorandum for SECY-11-0093, "Near-Team Report and Recommendations for Agency Actions Following the Events in Japan".	ML112310021
SECY-11-0093, "Enclosure: The Near-Term Task Force Review of Insights From the Fukushima Dai-ichi Accident"	ML111861807
Staff Requirements Memorandum for SECY-11-0117, "Proposed Charter for the Longer-Term Review of Lessons Learned From the March 11, 2011, Japanese Earthquake and Tsunami".	ML112920034
SECY-11-0117, "Proposed Charter for the Longer-Term Review of Lessons Learned From the March 11, 2011, Japanese Earthquake and Tsunami".	ML11231A723
SECY-11-0124, "Recommended Actions To Be Taken Without Delay From The Near-Term Task Force Report"	ML11245A127
SECY-11-0137, "Prioritization of Recommended Actions To Be Taken in Response to Fukushima Lessons Learned"	ML11269A204
Staff Requirements Memorandum for SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned From Japan's March 11, 2011, Great Tōhoku Earthquake and Tsunami".	ML120690347
SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned From Japan's March 11, 2011, Great Tōhoku Earthquake and Tsunami".	ML12039A103
SECY-14-0046, "Fifth 6-Month Status Update on Response to Lessons Learned From Japan's March 11, 2011, Great Tōhoku Earthquake and Subsequent Tsunami".	ML14064A523
Regulatory Guide 1.13, "Spent Fuel Storage Facility Design Basis"	ML070310035
Regulatory Guide 1.20, "Comprehensive Vibration Assessment Program for Reactor Internals During Preoperational and Initial Startup Testing".	ML070260376
Regulatory Guide 1.27, "Ultimate Heat Sink for Nuclear Power Plants (for Comment)"	ML003739996
Regulatory Guide 1.76, "Design-Basis Tornado and Tornado Missiles for Nuclear Power Plants"	ML070360253
Regulatory Guide 1.117, "Tornado Design Classification"	ML003739346
Regulatory Guide 1.143, "Design Guidance for Radioactive Waste Management Systems, Structures, and Components Installed in Light-Water-Cooled Nuclear Power Plants".	ML003740200
Regulatory Guide 1.206, Section C.I.1, "Standard Format and Content of Combined License Applications—Introduction and General Description of the Plant".	ML070630005
Regulatory Guide 1.221, "Design-Basis Hurricane and Hurricane Missiles for Nuclear Power Plants"	ML110940303
NUREG-0700, Revision 2, "Human-Systems Interface Design Review Guidelines" (three volumes)	ML021700337
	ML021700342
	ML021700371
NUREG-0711, Revision 2, "Human Factors Engineering Program Review Model"	ML040770540
NUREG-0711, Revision 3, "Human Factors Engineering Program Review Model"	ML12324A013
NUREG-0800, Section 3.8.4, Revision 2, "Other Seismic Category I Structures," Appendix D, "Guidance on Spent Fuel Pool Racks".	ML070550054
NUREG-0800, Section 3.9.2, Revision 3, "Dynamic Testing and Analysis of Systems, Structures, and Components"	ML070230008
NUREG-0800, Section 3.9.5, Revision 3, "Reactor Pressure Vessel Internals"	ML070230009
NUREG-0800, SRP Section 6.4, Revision 3, "Control Room Habitability System"	ML070550069
NUREG-0800, SRP Section 9.1.2, Revision 4, "New and Spent Fuel Storage"	ML070550057
NUREG-0800, SRP Section 13.4, Revision 3, "Operational Programs"	ML070470463
NUREG-0800, SRP Section 13.5.2.1, Revision 2, "Operating and Emergency Operating Procedures"	ML070100635
NUREG-0800, SRP Section 18, Revision 2, "Human Factors Engineering"	ML070670253
NUREG-1242, "NRC Review of Electric Power Research Institute's Advanced Light Water Reactor Utility Requirements Document, Evolutionary Plant Designs" (five volumes).	ML100610048
	ML100430013
	ML063620331
	ML070600372
	ML070600373
	ML12074A115
NRC Bulletin 2012-01: Design Vulnerability in Electric Power System	ML083310259
Interim Staff Guidance DC/COL-ISG-8, "Necessary Content of Plant-Specific Technical Specifications"	ML12221A339
JLD-ISG-2012-03 Revision 0, "Compliance With Order EA-12-051, Reliable Spent Fuel Pool Instrumentation,"	ML122400399
NEI 12-02, Revision 1, "Industry Guidance for Compliance With NRC Order EA-12-051, To Modify Licenses With Regard to Reliable Spent Fuel Pool Instrumentation".	
"Clarifications Requested by NRC Staff on Economic Simplified Boiling Water Reactor Fuel Design"	ML11269A093
Audit Report, "ESBWR Fuel Seismic Audit Summary"	ML112860614

Document	ADAMS Accession No./ web link/ Federal Register citation
Notice of Violation, "ESBWR AIA Inspection Report Inspection, NRC Inspection Report No. 0520000/10/2010-201 and Notice of Violation".	ML102740292
Reply to Notice of Violation, NRC Inspection Report 052000010-10-201	ML103010047
GE-Hitachi Nuclear Energy Americas, LLC, Reply to Notice of Violation, NRC IR 052000010-10-201	ML103400150
ACRS Memorandum—Final Rule—ESBWR Design Certification (RIN 3150-AI85)	ML113120076
ACRS Memorandum—ESBWR Design Certification Rulemaking and Supplemental Final Safety Evaluation Report	ML11340A043
ACRS Memorandum—Supplemental Final Safety Evaluation Report on the General Electric-Hitachi Nuclear Energy (GEH) Application for Certification of the Economic Simplified Boiling Water Reactor (ESBWR) Design.	ML14107A263
ACRS Memorandum—Final Rule—ESBWR Design Certification (RIN 3150-AI85)	ML14196A207
Regulatory History of Design Certification ⁶	ML003761550