



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

April 26, 2000

MEMORANDUM TO: David L. Meyer, Chief
Rules and Directives Branch
Office of Administration

FROM: Jerry N. Wilson, Sr. Policy Analyst
License Renewal and Standardization Branch
Office of Nuclear Reactor Regulation

SUBJECT: REGULATORY HISTORY - DESIGN CERTIFICATION RULES

This memorandum responds to requests from your staff for an index of documents comprising the regulatory history of the following design certification rulemakings under 10 CFR Part 52:

1. U.S. Advanced Boiling Water Reactor Design (62 FR 25800 - AE87)
2. System 80+ Standard Plant Design (62 FR 27840 - AF15)
3. AP600 Standard Plant Design (64 FR 72002 - AG23)

The attached indexes were prepared in accordance with the memorandum from William D. Travers, "Regulatory History Procedures," dated March 24, 2000. I have a copy of each document listed in attachment #4. All of these documents are available to the public. However, most of the documents are not in ADAMS. Separately, I am requesting OCIO assistance to have these documents scanned into ADAMS.

The regulatory history of design certification is unique because the NRC simultaneously developed the regulatory standards for reviewing these next-generation reactor designs and the form and content of the rules that would certify the designs. Most of the documents that comprise the history of each of the above design certification rulemakings are the same. Therefore, I created an index of significant documents, in chronological order, for each certified design and a combined list of all documents that support the design certification rulemakings. Because the above design certification rules are nearly identical and the regulatory standards and rulemaking procedures were basically the same, I am submitting a consolidated response for the regulatory history of design certification.

Docket No. 52-001, 52-002,
and 52-003

Attachments:

1. ABWR Regulatory History (AE87-2)
2. System 80+ Regulatory History (AF15-2)
3. AP600 Regulatory History (AG23-2)
4. Regulatory History for All Design Certification Rules

<u>Date</u>	<u>Significant Documents for ABWR Regulatory History</u>	<u>AE87-2</u>
08/08/85	Policy Statement on Severe Reactor Accidents regarding Future Designs and Existing Plants (50 FR 32138)	
01/15/87	ACRS Recommendations on Improved Safety for Future LWR Plant Design	
09/15/87	Policy Statement - Nuclear Power Plant Standardization (52 FR 34884)	
06/07/88	ACRS letter, "NRC Proposed Rule on Early Site Permits, Standard Design Certifications, and Combined Licenses for Nuclear Power Reactors"	
06/20/88	SECY-88-169, "Rulemaking on Standardization and Licensing Reform"	
08/23/88	Proposed Rule (10 CFR PART 52), "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (53 FR 32060)	
09/06/88	SECY-88-248, "Implementation of Severe Accident Policy for Future LWRs"	
01/19/89	SECY-89-013, "Design Requirements Related to the Evolutionary ALWRs"	
01/19/89	ACRS letter, "Draft Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
02/02/89	SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
02/15/89	ACRS letter, "Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
03/07/89	Memo from Stello to Commissioners, "ACRS Letter on 10 CFR Part 52"	
03/15/89	Memo from Parler to Commission Assistants, "Changes to Draft Final Rule on Standardization and One-Step Licensing"	
04/18/89	Final Rule, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (54 FR 15372)	
04/21/89	SRM on SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
05/10/89	SECY-89-153, "Severe Accident Design Features of the ABWR"	
10/10/89	SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
12/15/89	SRM on SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
01/12/90	SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
06/15/90	SRM on SECY-89-102, "Implementation of the Safety Goals"	
06/26/90	SRM on SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
07/11/90	SECY-90-241, "Level of Detail Required for Design Certification under Part 52"	
08/22/90	SRM on SECY-90-241, "Level of Detail . . . under Part 52"	
10/29/90	COMKC-90-18, "NEPA Reviews for Design Certification"	
11/08/90	SECY-90-377, "Requirements for Design Certification under 10 CFR Part 52"	
12/10/90	ACRS letter on SECY-90-377, "Requirements for Design Certification . . ."	
02/15/91	SRM on SECY-90-377, "Requirements for Design Certification . . . Part 52"	
06/12/91	SECY-91-178, "ITAAC for Design Certifications and Combined Licenses"	
07/16/91	SECY-91-210, "ITAAC Requirements for Design Review and Issuance of FDA"	

Date Significant Documents for ABWR Regulatory History AE87-2

07/31/91 **SECY-91-229, "Severe Accident Mitigation Design Alternatives for Certified Standard Designs"**

08/16/91 **SECY-91-262, "Resolution of Selected Technical and Severe Accident Issues for Evolutionary LWR Designs"**

10/25/91 **SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"**

01/28/92 **Memo from Taylor to Commissioners, Response to SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"**

01/28/92 **SRM on SECY-91-262, "Resolution of . . . for Evolutionary LWR Designs"**

02/19/92 **SECY-92-053, "Use of Design Acceptance Criteria during 10 CFR Part 52 Design Certification Reviews"**

02/28/92 **Memo from Taylor and Parler to Commissioners, Response to 01/28/92 SRM on SECY-91-262, "Resolution . . . LWR Designs"**

03/17/92 **SECY-92-092, "The Containment Performance Goal, External Events Sequences, and the Definition of Containment Failure for Advanced LWRs"**

06/11/92 **SECY-92-214, "Development of ITAAC for Design Certifications"**

07/20/92 **Transcript, "Public Workshop on Standard Design Certification Rulemaking Procedures"**

08/18/92 **SECY-92-287, "Form and Content for a Design Certification Rule"**

09/22/92 **SECY-92-327, "Reviews of ITAAC for the General Electric ABWR"**

11/10/92 **SECY-92-381, "Rulemaking Procedures for Design Certification"**

12/24/92 **Memo from Taylor to Commissioners, "Generic and Programmatic ITAAC Requirements for Design Certification"**

03/26/93 **SECY-92-287A, "Form and Content for a Design Certification Rule"**

04/02/93 **SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"**

04/30/93 **SRM on SECY-92-381, "Rulemaking Procedures for Design Certification"**

06/23/93 **SRM on SECY-92-287/287A, "Form and Content for Design Certification Rule"**

07/21/93 **SRM on SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"**

08/26/93 **Letter from Crutchfield (NRC) to Marriott (GE), "Guidance on the Form and Content of a Design Control Document"**

11/03/93 **Advance Notice of Proposed Rulemaking, "Rulemakings to Grant Standard Design Certification for Evolutionary LWR Designs" (58 FR 58664)**

11/23/93 **Transcript, "Workshop on Certification of Evolutionary LWR Designs"**

01/13/94 **Memo from Taylor to Commissioners, "Design Control Document Change Restrictions following issuance of a Final Design Approval"**

02/14/94 **COMSECY-94-003, "DCD Change Restrictions following issuance of FDA"**

03/04/94 **Memo from Taylor to Commissioners, "Review of ABWR Design"**

03/15/94 **ACRS letter, "Draft Commission Paper on Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"**

05/03/94 **Letter from Crutchfield (NRC) to Colvin (NEI), "Secondary References in a Design Certification Rule"**

05/31/94 **Memo from Taylor to Commissioners, "Implementation of Design Certification and LWR Design Issues" (COMSECY-94-024)**

06/09/94 **Memo from Taylor to Commissioners, "FSER for the ABWR Design"**

<u>Date</u>	<u>Significant Documents for ABWR Regulatory History</u>	<u>AE87-2</u>
	(COMSECY-94-025)	
06/30/94	SRM on SECY-94-084, "Policy and Technical Issues associated with RTNSS" and COMSECY-94-024, "Implementation of Design Certification and LWR Design Issues"	
06/30/94	SRM on COMSECY-94-025, "FSER for the ABWR Design"	
07/08/94	SRM on COMIS-94-007, "Implementation of D-RAP for ABWR and System 80+ Applications"	
08/03/94	Letter from Crutchfield (NRC) to Quirk (GE) on updated DCD guidance	
12/19/94	SECY-94-302, "Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"	
02/01/95	SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"	
03/17/95	SRM on SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"	
04/07/95	Proposed Rules: Standard Design Certifications for the U.S. ABWR Design (60 FR 17902) and the System 80+ Design (60 FR 17924)	
05/11/95	Transcript, "Public Meeting on Design Certification Rulemaking"	
12/04/95	Transcript, "Design Certification Rulemaking Public Meeting"	
02/06/96	SECY-96-028, "Two Issues for Design Certification Rules"	
03/21/96	SRM - Briefing on Design Certification Issues (SECY-96-028)	
04/15/96	SECY-96-077, "Certification of Two Evolutionary Designs"	
05/02/96	Transcript, "Public Workshop on Design Certification"	
07/15/96	Transcript, "Public Meeting on Design Certification Rulemaking"	
12/06/96	SRM on SECY-96-077, "Certification of Two Evolutionary Designs"	
05/12/97	Final Rule, "Standard Design Certification for the U.S. ABWR Design" (62 FR 25800)	

<u>Date</u>	<u>Significant Documents - System 80+ Regulatory History</u>	<u>AF15-2</u>
08/08/85	Policy Statement on Severe Reactor Accidents regarding Future Designs and Existing Plants (50 FR 32138)	
01/15/87	ACRS Recommendations on Improved Safety for Future LWR Plant Design	
09/15/87	Policy Statement - Nuclear Power Plant Standardization (52 FR 34884)	
06/07/88	ACRS letter, "NRC Proposed Rule on Early Site Permits, Standard Design Certifications, and Combined Licenses for Nuclear Power Reactors"	
06/20/88	SECY-88-169, "Rulemaking on Standardization and Licensing Reform"	
08/23/88	Proposed Rule (10 CFR PART 52), "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (53 FR 32060)	
09/06/88	SECY-88-248, "Implementation of Severe Accident Policy for Future LWRs"	
01/19/89	SECY-89-013, "Design Requirements Related to the Evolutionary ALWRs"	
01/19/89	ACRS letter, "Draft Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
02/02/89	SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
02/15/89	ACRS letter, "Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
03/07/89	Memo from Stello to Commissioners, "ACRS Letter on 10 CFR Part 52"	
03/15/89	Memo from Parler to Commission Assistants, "Changes to Draft Final Rule on Standardization and One-Step Licensing"	
04/18/89	Final Rule, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (54 FR 15372)	
04/21/89	SRM on SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
10/10/89	SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
12/15/89	SRM on SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
01/12/90	SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
06/15/90	SRM on SECY-89-102, "Implementation of the Safety Goals"	
06/26/90	SRM on SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
07/11/90	SECY-90-241, "Level of Detail Required for Design Certification under Part 52"	
08/22/90	SRM on SECY-90-241, "Level of Detail . . . under Part 52"	
10/29/90	COMKC-90-18, "NEPA Reviews for Design Certification"	
11/08/90	SECY-90-377, "Requirements for Design Certification under 10 CFR Part 52"	
12/10/90	ACRS letter on SECY-90-377, "Requirements for Design Certification . . ."	
02/15/91	SRM on SECY-90-377, "Requirements for Design Certification . . . Part 52"	
06/12/91	SECY-91-178, "ITAAC for Design Certifications and Combined Licenses"	
07/16/91	SECY-91-210, "ITAAC Requirements for Design Review and Issuance of FDA"	

Date Significant Documents - System 80+ Regulatory History AF15-2

07/31/91 **SECY-91-229, "Severe Accident Mitigation Design Alternatives for Certified Standard Designs"**

08/16/91 **SECY-91-262, "Resolution of Selected Technical and Severe Accident Issues for Evolutionary LWR Designs"**

10/25/91 **SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"**

01/28/92 **Memo from Taylor to Commissioners, Response to SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"**

01/28/92 **SRM on SECY-91-262, "Resolution of . . . for Evolutionary LWR Designs"**

02/19/92 **SECY-92-053, "Use of Design Acceptance Criteria during 10 CFR Part 52 Design Certification Reviews"**

02/28/92 **Memo from Taylor and Parler to Commissioners, Response to 01/28/92 SRM on SECY-91-262, "Resolution . . . LWR Designs"**

03/17/92 **SECY-92-092, "The Containment Performance Goal, External Events Sequences, and the Definition of Containment Failure for Advanced LWRs"**

06/11/92 **SECY-92-214, "Development of ITAAC for Design Certifications"**

07/20/92 **Transcript, "Public Workshop on Standard Design Certification Rulemaking Procedures"**

08/18/92 **SECY-92-287, "Form and Content for a Design Certification Rule"**

11/10/92 **SECY-92-381, "Rulemaking Procedures for Design Certification"**

12/24/92 **Memo from Taylor to Commissioners, "Generic and Programmatic ITAAC Requirements for Design Certification"**

03/26/93 **SECY-92-287A, "Form and Content for a Design Certification Rule"**

04/02/93 **SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"**

04/30/93 **SRM on SECY-92-381, "Rulemaking Procedures for Design Certification"**

06/23/93 **SRM on SECY-92-287/287A, "Form and Content for Design Certification Rule"**

07/21/93 **SRM on SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"**

08/26/93 **Letter from Crutchfield (NRC) to Marriott (GE), "Guidance on the Form and Content of a Design Control Document"**

11/03/93 **Advance Notice of Proposed Rulemaking, "Rulemakings to Grant Standard Design Certification for Evolutionary LWR Designs" (58 FR 58664)**

11/23/93 **Transcript, "Workshop on Certification of Evolutionary LWR Designs"**

01/13/94 **Memo from Taylor to Commissioners, "Design Control Document Change Restrictions following issuance of a Final Design Approval"**

02/14/94 **COMSECY-94-003, "DCD Change Restrictions following issuance of FDA"**

03/15/94 **ACRS letter, "Draft Commission Paper on Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"**

05/03/94 **Letter from Crutchfield (NRC) to Colvin (NEI), "Secondary References in a Design Certification Rule"**

05/31/94 **Memo from Taylor to Commissioners, "Implementation of Design Certification and LWR Design Issues" (COMSECY-94-024)**

06/30/94 **SRM on SECY-94-084, "Policy and Technical Issues associated with RTNSS" and COMSECY-94-024, "Implementation of Design Certification and LWR Design Issues"**

<u>Date</u>	<u>Significant Documents - System 80+ Regulatory History</u>	<u>AF15-2</u>
07/08/94	SRM on COMIS-94-007, "Implementation of D-RAP for ABWR and System 80+ Applications"	
12/19/94	SECY-94-302, "Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"	
02/01/95	SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"	
03/17/95	SRM on SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"	
04/07/95	Proposed Rules: Standard Design Certifications for the U.S. ABWR Design (60 FR 17902) and the System 80+ Design (60 FR 17924)	
05/11/95	Transcript, "Public Meeting on Design Certification Rulemaking"	
12/04/95	Transcript, "Design Certification Rulemaking Public Meeting"	
02/06/96	SECY-96-028, "Two Issues for Design Certification Rules"	
03/21/96	SRM - Briefing on Design Certification Issues (SECY-96-028)	
04/15/96	SECY-96-077, "Certification of Two Evolutionary Designs"	
05/02/96	Transcript, "Public Workshop on Design Certification"	
07/15/96	Transcript, "Public Meeting on Design Certification Rulemaking"	
12/06/96	SRM on SECY-96-077, "Certification of Two Evolutionary Designs"	
05/21/97	Final Rule, "Standard Design Certification for the System 80+ Design" (62 FR 27840)	

<u>Date</u>	<u>Significant Documents for AP600 Regulatory History</u>	<u>AG23-2</u>
08/08/85	Policy Statement on Severe Reactor Accidents regarding Future Designs and Existing Plants (50 FR 32138)	
01/15/87	ACRS Recommendations on Improved Safety for Future LWR Plant Design	
09/15/87	Policy Statement - Nuclear Power Plant Standardization (52 FR 34884)	
06/07/88	ACRS letter, "NRC Proposed Rule on Early Site Permits, Standard Design Certifications, and Combined Licenses for Nuclear Power Reactors"	
06/20/88	SECY-88-169, "Rulemaking on Standardization and Licensing Reform"	
08/23/88	Proposed Rule (10 CFR PART 52), "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (53 FR 32060)	
09/06/88	SECY-88-248, "Implementation of Severe Accident Policy for Future LWRs"	
01/19/89	SECY-89-013, "Design Requirements Related to the Evolutionary ALWRs"	
01/19/89	ACRS letter, "Draft Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
02/02/89	SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
02/15/89	ACRS letter, "Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"	
03/07/89	Memo from Stello to Commissioners, "ACRS Letter on 10 CFR Part 52"	
03/15/89	Memo from Parler to Commission Assistants, "Changes to Draft Final Rule on Standardization and One-Step Licensing"	
04/18/89	Final Rule, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (54 FR 15372)	
04/21/89	SRM on SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"	
10/10/89	SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
12/15/89	SRM on SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"	
01/12/90	SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
06/15/90	SRM on SECY-89-102, "Implementation of the Safety Goals"	
06/26/90	SRM on SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"	
07/11/90	SECY-90-241, "Level of Detail Required for Design Certification under Part 52"	
08/22/90	SRM on SECY-90-241, "Level of Detail . . . under Part 52"	
10/29/90	COMKC-90-18, "NEPA Reviews for Design Certification"	
11/08/90	SECY-90-377, "Requirements for Design Certification under 10 CFR Part 52"	
12/10/90	ACRS letter on SECY-90-377, "Requirements for Design Certification . . ."	
02/15/91	SRM on SECY-90-377, "Requirements for Design Certification . . . Part 52"	
03/19/91	SECY-91-074, "Prototype Decisions for Advanced Reactor Designs"	

<u>Date</u>	<u>Significant Documents for AP600 Regulatory History</u>	<u>AG23-2</u>
06/12/91	SECY-91-178, "ITAAC for Design Certifications and Combined Licenses"	
07/16/91	SECY-91-210, "ITAAC Requirements for Design Review and Issuance of FDA"	
07/31/91	SECY-91-229, "Severe Accident Mitigation Design Alternatives for Certified Standard Designs"	
08/16/91	SECY-91-262, "Resolution of Selected Technical and Severe Accident Issues for Evolutionary LWR Designs"	
08/27/91	SECY-91-273, "Review of Vendors' Test Programs to Support the Design Certification of Passive LWRs"	
10/25/91	SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"	
12/16/91	SRM on SECY-91-273, "Review of Vendors' Test Programs . . . LWRs"	
01/27/92	SECY-92-030, "Integral System Testing Requirements for Westinghouse's AP600 Plant"	
01/28/92	Memo from Taylor to Commissioners, Response to SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"	
01/28/92	SRM on SECY-91-262, "Resolution of . . . for Evolutionary LWR Designs"	
01/31/92	SECY-92-037, "Need for NRC-Sponsored Confirmatory Integral System Testing of the Westinghouse AP600 Design"	
02/19/92	SECY-92-053, "Use of Design Acceptance Criteria during 10 CFR Part 52 Design Certification Reviews"	
02/28/92	Memo from Taylor and Parler to Commissioners, Response to 01/28/92 SRM on SECY-91-262, "Resolution . . . LWR Designs"	
03/17/92	SECY-92-092, "The Containment Performance Goal, External Events Sequences, and the Definition of Containment Failure for Advanced LWRs"	
06/11/92	SECY-92-214, "Development of ITAAC for Design Certifications"	
07/20/92	Transcript, "Public Workshop on Standard Design Certification Rulemaking Procedures"	
08/18/92	SECY-92-287, "Form and Content for a Design Certification Rule"	
08/24/92	SECY-92-294, "Acceptance Review . . . Application for Final Design Approval and Design Certification for the AP600 Design"	
11/10/92	SECY-92-381, "Rulemaking Procedures for Design Certification"	
12/24/92	Memo from Taylor to Commissioners, "Generic and Programmatic ITAAC Requirements for Design Certification"	
03/26/93	SECY-92-287A, "Form and Content for a Design Certification Rule"	
04/02/93	SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"	
04/30/93	SRM on SECY-92-381, "Rulemaking Procedures for Design Certification"	
06/23/93	SRM on SECY-92-287/287A, "Form and Content for Design Certification Rule"	
07/21/93	SRM on SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"	
08/26/93	Letter from Crutchfield (NRC) to Marriott (GE), "Guidance on the Form and Content of a Design Control Document"	
11/03/93	Advance Notice of Proposed Rulemaking, "Rulemakings to Grant Standard Design Certification for Evolutionary LWR Designs" (58 FR 58664)	
11/23/93	Transcript, "Workshop on Certification of Evolutionary LWR Designs"	

<u>Date</u>	<u>Significant Documents for AP600 Regulatory History</u>	<u>AG23-2</u>
01/13/94	Memo from Taylor to Commissioners, "Design Control Document Change Restrictions following issuance of a Final Design Approval"	
02/14/94	COMSECY-94-003, "DCD Change Restrictions following issuance of FDA"	
03/15/94	ACRS letter, "Draft Commission Paper on Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"	
03/28/94	SECY-94-084, "Policy and Technical Issues Associated with the Regulatory Treatment of Non-Safety Systems in Passive Plant Designs"	
05/03/94	Letter from Crutchfield (NRC) to Colvin (NEI), "Secondary References in a Design Certification Rule"	
05/31/94	Memo from Taylor to Commissioners, "Implementation of Design Certification and LWR Design Issues" (COMSECY-94-024)	
06/30/94	SRM on SECY-94-084, "Policy and Technical Issues associated with RTNSS" and COMSECY-94-024, "Implementation of Design Certification and LWR Design Issues"	
07/08/94	SRM on COMIS-94-007, "Implementation of D-RAP for ABWR and System 80+ Applications"	
12/19/94	SECY-94-302, "Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"	
05/11/95	Transcript, "Public Meeting on Design Certification Rulemaking"	
05/22/95	SECY-95-132, "Policy and Technical Issues Associated with RTNSS in Passive Plant Designs (SECY-94-084)"	
06/09/95	Letter from Crutchfield (NRC) to Liparulo (Westinghouse), "Guidance on Design Control Document Preparation"	
06/28/95	SRM on SECY-95-132, "Policy and Technical Issues Associated with RTNSS in Passive Plant Designs (SECY-94-084)"	
06/30/95	SECY-95-172, "Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"	
07/24/95	Memo from Crutchfield to NRC Docket File, "Consolidation of SECY-94-084 and SECY-95-132"	
12/04/95	Transcript, "Design Certification Rulemaking Public Meeting"	
02/06/96	SECY-96-028, "Two Issues for Design Certification Rules"	
03/21/96	SRM - Briefing on Design Certification Issues (SECY-96-028)	
05/02/96	Transcript, "Public Workshop on Design Certification"	
06/12/96	SECY-96-128, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"	
07/15/96	Transcript, "Public Meeting on Design Certification Rulemaking"	
11/12/96	Memo from Taylor to Commissioners, "Clarification of Staff Position in SECY-96-128"	
12/06/96	SRM on SECY-96-077, "Certification of Two Evolutionary Designs"	
01/15/97	SRM on SECY-96-128, "Policy and Key Technical Issues . . . AP600 . . ."	
02/18/97	SECY-97-044, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"	
06/23/97	Memo from Callan to Commissioners, "Implementation of Staff Position in SECY-96-128 Related to Post-72 Hour Actions"	

Date Significant Documents for AP600 Regulatory History AG23-2

06/30/97 SRM on SECY-97-044, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"

08/28/98 Memo from Callan to Commissioners, "FSER and FDA for the AP600 (COMSECY-98-025)"

11/16/98 SECY-98-267, "Rulemaking Plan for the AP600"

03/31/99 SECY-99-101, "Proposed Rule - AP600 Design Certification"

05/20/99 Proposed Rule, "AP600 Design Certification" (64 FR 27626)

11/16/99 SECY-99-268, "Final Rule - AP600 Design Certification"

12/23/99 Final Rule, "AP600 Design Certification" (64 FR 72002)

<u>Date</u>	<u>Significant Documents for ALL Design Certification Rules</u>
08/08/85	Policy Statement on Severe Reactor Accidents regarding Future Designs and Existing Plants (50 FR 32138)
01/15/87	ACRS Recommendations on Improved Safety for Future LWR Plant Design
09/15/87	Policy Statement - Nuclear Power Plant Standardization (52 FR 34884)
06/07/88	ACRS letter, "NRC Proposed Rule on Early Site Permits, Standard Design Certifications, and Combined Licenses for Nuclear Power Reactors"
06/20/88	SECY-88-169, "Rulemaking on Standardization and Licensing Reform"
08/23/88	Proposed Rule (10 CFR PART 52), "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (53 FR 32060)
09/06/88	SECY-88-248, "Implementation of Severe Accident Policy for Future LWRs"
01/19/89	SECY-89-013, "Design Requirements Related to the Evolutionary ALWRs"
01/19/89	ACRS letter, "Draft Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"
02/02/89	SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"
02/15/89	ACRS letter, "Final Rule on Standardization and Licensing Reform, 10 CFR Part 52, 'Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants'"
03/07/89	Memo from Stello to Commissioners, "ACRS Letter on 10 CFR Part 52"
03/15/89	Memo from Parler to Commission Assistants, "Changes to Draft Final Rule on Standardization and One-Step Licensing"
04/18/89	Final Rule, "Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Reactors" (54 FR 15372)
04/21/89	SRM on SECY-89-036, "Rulemaking on Early Site Permits, Design Certifications, and Combined Licenses"
05/10/89	SECY-89-153, "Severe Accident Design Features of the ABWR"
10/10/89	SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"
12/15/89	SRM on SECY-89-311, "Resolution Process for Severe Accident Issues on Evolutionary LWRs"
01/12/90	SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"
06/15/90	SRM on SECY-89-102, "Implementation of the Safety Goals"
06/26/90	SRM on SECY-90-016, "Evolutionary LWR Certification Issues and their Relationship to Current Regulatory Requirements"
07/11/90	SECY-90-241, "Level of Detail Required for Design Certification under Part 52"
08/22/90	SRM on SECY-90-241, "Level of Detail . . . under Part 52"
10/29/90	COMKC-90-18, "NEPA Reviews for Design Certification"
11/08/90	SECY-90-377, "Requirements for Design Certification under 10 CFR Part 52"
12/10/90	ACRS letter on SECY-90-377, "Requirements for Design Certification . . ."
02/15/91	SRM on SECY-90-377, "Requirements for Design Certification . . . Part 52"
03/19/91	SECY-91-074, "Prototype Decisions for Advanced Reactor Designs"
06/12/91	SECY-91-178, "ITAAC for Design Certifications and Combined Licenses"

<u>Date</u>	<u>Significant Documents for ALL Design Certification Rules</u>
07/16/91	SECY-91-210, "ITAAC Requirements for Design Review and Issuance of FDA"
07/31/91	SECY-91-229, "Severe Accident Mitigation Design Alternatives for Certified Standard Designs"
08/16/91	SECY-91-262, "Resolution of Selected Technical and Severe Accident Issues for Evolutionary LWR Designs"
08/27/91	SECY-91-273, "Review of Vendors' Test Programs to Support the Design Certification of Passive LWRs"
10/25/91	SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"
12/16/91	SRM on SECY-91-273, "Review of Vendors' Test Programs . . . LWRs"
01/27/92	SECY-92-030, "Integral System Testing Requirements for Westinghouse's AP600 Plant"
01/28/92	Memo from Taylor to Commissioners, Response to SRM on SECY-91-229, "SAMDA's for Certified Standard Designs"
01/28/92	SRM on SECY-91-262, "Resolution of . . . for Evolutionary LWR Designs"
01/31/92	SECY-92-037, "Need for NRC-Sponsored Confirmatory Integral System Testing of the Westinghouse AP600 Design"
02/19/92	SECY-92-053, "Use of Design Acceptance Criteria during 10 CFR Part 52 Design Certification Reviews"
02/28/92	Memo from Taylor and Parler to Commissioners, Response to 01/28/92 SRM on SECY-91-262, "Resolution . . . LWR Designs"
03/17/92	SECY-92-092, "The Containment Performance Goal, External Events Sequences, and the Definition of Containment Failure for Advanced LWRs"
06/11/92	SECY-92-214, "Development of ITAAC for Design Certifications"
07/20/92	Transcript, "Public Workshop on Standard Design Certification Rulemaking Procedures"
08/18/92	SECY-92-287, "Form and Content for a Design Certification Rule"
08/24/92	SECY-92-294, "Acceptance Review . . . Application for Final Design Approval and Design Certification for the AP600 Design"
09/22/92	SECY-92-327, "Reviews of ITAAC for the General Electric ABWR"
11/10/92	SECY-92-381, "Rulemaking Procedures for Design Certification"
12/24/92	Memo from Taylor to Commissioners, "Generic and Programmatic ITAAC Requirements for Design Certification"
03/26/93	SECY-92-287A, "Form and Content for a Design Certification Rule"
04/02/93	SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"
04/30/93	SRM on SECY-92-381, "Rulemaking Procedures for Design Certification"
06/23/93	SRM on SECY-92-287/287A, "Form and Content for Design Certification Rule"
07/21/93	SRM on SECY-93-087, "Policy, Technical, and Licensing Issues Pertaining to Evolutionary and Advanced LWR Designs"
08/26/93	Letter from Crutchfield (NRC) to Marriott (GE), "Guidance on the Form and Content of a Design Control Document"
11/03/93	Advance Notice of Proposed Rulemaking, "Rulemakings to Grant Standard Design Certification for Evolutionary LWR Designs" (58 FR 58664)
11/23/93	Transcript, "Workshop on Certification of Evolutionary LWR Designs"

<u>Date</u>	<u>Significant Documents for ALL Design Certification Rules</u>
01/13/94	Memo from Taylor to Commissioners, "Design Control Document Change Restrictions following issuance of a Final Design Approval"
02/14/94	COMSECY-94-003, "DCD Change Restrictions following issuance of FDA"
03/04/94	Memo from Taylor to Commissioners, "Review of ABWR Design"
03/15/94	ACRS letter, "Draft Commission Paper on Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"
03/28/94	SECY-94-084, "Policy and Technical Issues Associated with the Regulatory Treatment of Non-Safety Systems in Passive Plant Designs"
05/03/94	Letter from Crutchfield (NRC) to Colvin (NEI), "Secondary References in a Design Certification Rule"
05/31/94	Memo from Taylor to Commissioners, "Implementation of Design Certification and LWR Design Issues" (COMSECY-94-024)
06/09/94	Memo from Taylor to Commissioners, "FSER for the ABWR Design" (COMSECY-94-025)
06/30/94	SRM on SECY-94-084, "Policy and Technical Issues associated with RTNSS" and COMSECY-94-024, "Implementation of Design Certification and LWR Design Issues"
06/30/94	SRM on COMSECY-94-025, "FSER for the ABWR Design"
07/08/94	SRM on COMIS-94-007, "Implementation of D-RAP for ABWR and System 80+ Applications"
08/03/94	Letter from Crutchfield (NRC) to Quirk (GE) on updated DCD guidance
12/19/94	SECY-94-302, "Source Term Related Technical and Licensing Issues pertaining to Evolutionary and Passive LWR Designs"
02/01/95	SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"
03/17/95	SRM on SECY-95-023, "Proposed Design Certification Rules for the ABWR and System 80+ Standard Designs"
04/07/95	Proposed Rules: Standard Design Certifications for the U.S. ABWR Design (60 FR 17902) and the System 80+ Design (60 FR 17924)
05/11/95	Transcript, "Public Meeting on Design Certification Rulemaking"
05/22/95	SECY-95-132, "Policy and Technical Issues Associated with RTNSS in Passive Plant Designs (SECY-94-084)"
06/09/95	Letter from Crutchfield (NRC) to Liparulo (Westinghouse), "Guidance on Design Control Document Preparation"
06/28/95	SRM on SECY-95-132, "Policy and Technical Issues Associated with RTNSS in Passive Plant Designs (SECY-94-084)"
06/30/95	SECY-95-172, "Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"
07/24/95	Memo from Crutchfield to NRC Docket File, "Consolidation of SECY-94-084 and SECY-95-132"
12/04/95	Transcript, "Design Certification Rulemaking Public Meeting"
02/06/96	SECY-96-028, "Two Issues for Design Certification Rules"
03/21/96	SRM - Briefing on Design Certification Issues (SECY-96-028)
04/15/96	SECY-96-077, "Certification of Two Evolutionary Designs"
05/02/96	Transcript, "Public Workshop on Design Certification"

<u>Date</u>	<u>Significant Documents for ALL Design Certification Rules</u>
06/12/96	SECY-96-128, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"
07/15/96	Transcript, "Public Meeting on Design Certification Rulemaking"
11/12/96	Memo from Taylor to Commissioners, "Clarification of Staff Position in SECY-96-128"
12/06/96	SRM on SECY-96-077, "Certification of Two Evolutionary Designs"
01/15/97	SRM on SECY-96-128, "Policy and Key Technical Issues . . . AP600 . . ."
02/18/97	SECY-97-044, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"
05/12/97	Final Rule, "Standard Design Certification for the U.S. ABWR Design" (62 FR 25800)
05/21/97	Final Rule, "Standard Design Certification for the System 80+ Design" (62 FR 27840)
06/23/97	Memo from Callan to Commissioners, "Implementation of Staff Position in SECY-96-128 Related to Post-72 Hour Actions"
06/30/97	SRM on SECY-97-044, "Policy and Key Technical Issues Pertaining to the Westinghouse AP600 Standardized Passive Reactor Design"
08/28/98	Memo from Callan to Commissioners, "FSER and FDA for the AP600 (COMSECY-98-025)"
11/16/98	SECY-98-267, "Rulemaking Plan for the AP600"
03/31/99	SECY-99-101, "Proposed Rule - AP600 Design Certification"
05/20/99	Proposed Rule, "AP600 Design Certification" (64 FR 27626)
11/16/99	SECY-99-268, "Final Rule - AP600 Design Certification"
12/23/99	Final Rule, "AP600 Design Certification" (64 FR 72002)