

DOCUMENT COVER SHEET

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ORIGINATING ORGANIZATION: Westinghouse Electric Company LLC

TITLE: **AP1000** Master Submission List for UK GDA

DCP/DCA/SUPPLEMENTS/EDCR # INCORPORATED IN THIS DOCUMENT REVISION:

APP-GW-GEE-5096, Rev. 0; APP-GW-GEE-5161, Rev. 0; APP-GW-GEE-5454, Rev. 0; EPS-GW-GL-700 Rev 2 ADL

ATTACHMENTS:

GDA Closure - ONR EA Document Transmittal Log.xlsx

PARENT DOCUMENT: N/A

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AP1000[®] Master Submission List for UK GDA

UKP-GW-GLX-001, Revision 2

March 2017

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**Westinghouse Non-Proprietary Class 3
AP1000 Master Submission List for UK GDA**

REVISION HISTORY

Revision	Description of Change
0	Initial submission
1	Changes the document to non-proprietary status. Class 3 editorial changes.
2	Rewritten to provide a quality record of the Master Submission List (MSL) for the United Kingdom (UK) Generic Design Assessment (GDA) Closeout period. The MSL for GDA Steps 1-4 are included in the previous revision of this MSL.

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None.

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None.

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LIST OF ABBREVIATIONS/ACRONYMS

DCP	Design Change Proposal
DRP	Design Reference Point
EA	Environment Agency
ER	Environment Report
GDA	Generic Design Assessment
MSL	Master Submission List
ONR	Office for Nuclear Regulation
PCSR	Pre-Construction Safety Report
SoDA	Statement of Design Acceptability
SSER	Safety, Security, and Environment Reports
UK	United Kingdom

1.0 INTRODUCTION

This report provides a quality record of the Master Submission List (MSL) for the United Kingdom (UK) Generic Design Assessment (GDA) Closeout period. The MSL for GDA Steps 1-4 are included in the previous revision of this MSL [Reference 3]. The MSL is a comprehensive snapshot of the UK AP1000 design assessed for the GDA, to allow the regulators to understand and reference precisely what constitutes the latest versions of the GDA submissions.

2.0 BACKGROUND

The licensing of New Nuclear Power Stations in the UK is a two phase process: (1) a Generic Design Assessment followed by (2) specific Nuclear Site Licence applications.

The UK GDA is a detailed examination by the UK Office for Nuclear Regulation (ONR) and the UK Environment Agency (EA) of the safety, security and environmental aspects of the safety case for the Westinghouse AP1000 reactor design. The first phase of the GDA process is comprised of four review steps – each step an examination of increasing detail compared to the former, and an environmental assessment comprising preliminary and detailed assessments, public consultation, and review of consultation responses. At the conclusion of Step 4, the ONR and EA documented 51 GDA issues for the AP1000 design. Westinghouse initiated a GDA Closeout period to resolve these outstanding GDA issues. The completion of GDA leads to the issue of a Design Acceptance Confirmation (DAC) by the ONR and a Statement of Design Acceptability (SoDA) by the EA if the design is considered acceptable.

This document supports the resolution of GDA Issue GI-AP1000-CC-02 which states:

Westinghouse to submit a safety case to support the GDA Design Reference and then to control, maintain and develop the GDA submission documentation, including the SSER, the MSL and design reference document and deliver final consolidated versions of these as the key references to any DAC/SoDA the ONR or the Environment Agency (the joint Regulators) may issue at the end of GDA.

3.0 DISCUSSION

Section 5 contains the MSL for GDA Closeout. The MSL provides a configuration controlled record of the status of documentation as assessed by the Regulators during GDA closeout. In the MSL are included four tiers of documentation:

- Tier 1: The Safety, Security, and Environment Reports (SSER). These documents are listed in Section 5.
- Tier 2: Documentation referenced in the SSER. The documentation referenced in the Pre-Construction Safety Report (PCSR) [Reference 1] and Environment Report (ER) [Reference 2] is listed in Section 5. The documentation referenced in the Conceptual Security Arrangements [Reference 6] is not listed due to the security related nature of the document.

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- Tier 3: Principle supporting documents assessed by the regulator as part of GDA closeout. These documents are listed in Section 5.
- Tier 4: Secondary supporting documents assessed by the regulator as part of GDA closeout and documents provided for information. A listing of these documents is not included in this document.

Attached to this document is a download of all submissions during GDA closeout from the SharePoint Site 'GDA Closure – ONR/EA Document Transmittal log', including Tier 1, 2, 3, and 4 documents. The SharePoint site is maintained in accordance with UKP-GW-GAP-022 [Reference 4].

4.0 REFERENCES

1. Westinghouse Report UKP-GW-GL-793, Revision 1, "AP1000 Pre-Construction Safety Report," January 2017.
2. Westinghouse Report UKP-GW-GL-790, Revision 7, "UK AP1000 Environment Report," March 2017.
3. Westinghouse Report UKP-GW-GLX-001, Revision 1, "The Master Submission List: Maintaining the Configuration of the United Kingdom Generic Design Assessment of the European AP1000 Design, 2007-2011," October 2011.
4. Westinghouse Procedure UKP-GW-GAP-022, "Procedure for the Management of the SharePoint Site for the UK GDA," (latest revision).
5. Westinghouse Report UKP-GW-GL-060, Revision 10, "AP1000 Design Reference Point for UK GDA," January 2017.
6. Westinghouse Report UKP-GW-GLR-019, Revision C, "UK AP1000 Conceptual Security Arrangements," June 2011.

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5.0 MASTER SUBMISSION LIST FOR GDA CLOSEOUT

	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
TIER 1 DOCUMENTATION							
	UKP-GW-GL-790	7	UK AP1000 Environment Report	March 2017			WEC-REG-01598N
	UKP-GW-GL-793	1	AP1000 Pre-Construction Safety Report	January 2017		Chapter 1 Chapter 2 Chapter 7	WEC-REG-01552N
	UKP-GW-GLR-019	C	UK AP1000 Conceptual Security Arrangements	June 2011			UN REG WEC 000618
TIER 2 DOCUMENTATION: WESTINGHOUSE DOCUMENTS							
	00000-ICE-3889	16	Coding Standards and Guidelines for Common Q Systems	December 2014	Chapter 19		
	APP-0000-N5-001	0	SITE RADIATION ZONES NORMAL OPERATION / SHUT DOWN	November 2015	Chapter 24		
	APP-0000-N5-201	0	RADIOLOGICAL ACCESS CONTROLS NORMAL OPERATION/SHUTDOWN	November 2015	Chapter 24		
	APP-0000-N5C-001	4	AP1000 Dose Rate Outside the Shield Building at grade level during normal operation at full Power	July 2015	Chapter 24		TQ-AP1000-0989*

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-0000-X2K-011	0	Foundation Plan	August 2007	Chapter 16		
	APP-1000-ARK-921	5	Nuclear Island General Arrangement Section A-A	October 2008	Chapter 16		
	APP-1000-ARK-922	3	Nuclear Island General Arrangement Section B-B	October 2008	Chapter 16		
	APP-1000-C2K-901	2	Nuclear Island Key Structural Dimensions Section A – A	October 2008	Chapter 16		
	APP-1000-C2K-902	2	Nuclear Island Key Structural Dimensions Section B – B	October 2008	Chapter 16		
	APP-1000-C2K-903	1	Nuclear Island Key Structural Dimensions Sections C - C and H – H	October 2008	Chapter 16		
	APP-1000-C2K-904	1	Nuclear Island Key Structural Dimensions Section G – G	October 2008	Chapter 16		
	APP-1000-C2K-905	1	Nuclear Island Key Structural Dimensions Section J – J	October 2008	Chapter 16		
	APP-1000-P2-901 APP-1000-P2-902	4	NI General Arrangement Section A-A, Section B-B	March 2012	Chapter 12		WEC-REG-01331N
	APP-1000-P2K-901	5	Nuclear Island General Arrangement Section A-A with Equipment	October 2008	Chapter 16		
	APP-1000-P2K-902	6	Nuclear Island General Arrangement Section B-B with Equipment	October 2008	Chapter 16		
	APP-1010-ARK-021	1	Nuclear Island General Arrangement Plan at Elevation 66'-6" (89.789 m)	October 2008	Chapter 16		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1010-C2K-001	1	Nuclear Island Key Structural Dimensions Plan at El. 66'-6" (89.789 m)	October 2008	Chapter 16		
	APP-1010-N5-001	2	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 66'-6"	January 2008	Chapter 24		
	APP-1010-N5-101	1	RADIATION ZONES POST-ACCIDENT NUCLEAR ISLAND EL. 66'-6"	September 2015	Chapter 24		
	APP-1010-N5-201	1	Radiological Access Controls Normal Operation/Shutdown Nuclear Island EL. 66'-6"	January 2008	Chapter 24		
	APP-1020-ARK-021	1	Nuclear Island General Arrangement Plan at Elevation 82'-6" (94.666 m)	October 2008	Chapter 16		
	APP-1020-ARK-022	2	Nuclear Island General Arrangement Plan at Elevation 96'-6" (98.932 m)	October 2008	Chapter 16		
	APP-1020-C2K-001	1	Nuclear Island Key Structural Dimensions Plan at El. 82'-6" (94.666 m)	October 2008	Chapter 16		
	APP-1020-N5-001	3	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 82'-6"	January 2008	Chapter 24		
	APP-1020-N5-002	3	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 96'-6"	January 2008	Chapter 24		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1020-N5-101	3	RADIATION ZONES POST-ACCIDENT NUCLEAR ISLAND EL. 82'-6"	November 2015	Chapter 24		
	APP-1020-N5-201	3	RADIOLOGICAL ACCESS CONTROLS NORMAL OPERATION / SHUTDOWN NUCLEAR ISLAND EL. 82'-6"	November 2015	Chapter 24		
	APP-1020-N5-202	3	RADIOLOGICAL ACCESS CONTROLS NORMAL OPERATION / SHUTDOWN NUCLEAR ISLAND EL. 96'-6"	October 2015	Chapter 24		
	APP-1030-ARK-021	3	Nuclear Island General Arrangement Plan at Elevation 107'-2" (102.184 m) & 111'- 0" (103.353 m)	October 2008	Chapter 16		
	APP-1030-C2K-001	1	Nuclear Island Key Structural Dimensions Plan at El. 100'-0" (100.00 m)	October 2008	Chapter 16		
	APP-1030-N5-001	3	Radiation Zones Normal Operation / Shutdown Plan at EL. 100'-0" and 107'-2"	December 2007	Chapter 24		
	APP-1030-N5-101	3	RADIATION ZONES POST-ACCIDENT PLAN AT 100'-0" & 107'-2"	November 2015	Chapter 24		
	APP-1030-N5-201	3	Radiological Access Control Normal Operation/Shutdown Plan at EL. 100'-0" & 107'-2"	December 2007	Chapter 24		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1040-ARK-021	4	Nuclear Island General Arrangement Plan at Elevation 117'-6" (105.334 m) & 130'-0" (109.144 m)	October 2008	Chapter 16		
	APP-1040-C2K-001	1	Nuclear Island Key Structural Dimensions Plan at El. 117'-6" (105.334 m)	October 2008	Chapter 16		
	APP-1040-N5-001	3	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 117'-6"	December 2007	Chapter 24		
	APP-1040-N5-101	2	Radiation Zones Post-Accident Nuclear Island EL. 117'-6"	December 2003	Chapter 24		
	APP-1040-N5-201	1	Radiological Access Control Normal Operation/Shutdown Nuclear Island El. 117'-6"	December 2007	Chapter 24		
	APP-1040-P2-001	4	Nuclear Island General Arrangement Plan at El. 117"-6	March 2012	Chapter 20		
	APP-1040-P2K-001	7	Nuclear Island General Arrangement Plan at Elevation 117'-6" (105.334 m) with Equipment	November 2015	Chapter 16		
	APP-1050-ARK-021	4	Nuclear Island General Arrangement Plan at El. 135'-3" (110.740 m)	October 2008	Chapter 16		
	APP-1050-C2K-001	2	Nuclear Island Key Structural Dimensions Plan at El. 135'-3" (110.740 m)	October 2008	Chapter 16		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1050-N5-001	3	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 135'-3"	December 2007	Chapter 24		
	APP-1050-N5-102	1	RADIATION ZONES POST-ACCIDENT NUCLEAR ISLAND EL. 153'-0"	October 2015	Chapter 24		
	APP-1050-N5-201	1	Radiological Access Control Normal Operation/Shutdown Nuclear Island EL. 135'-3"	December 2007	Chapter 24		
	APP-1050-N5-202	0	AP1000 Radiological Access Controls Normal Operation Shutdown Nuclear Island EL 153'-0"	January 2003	Chapter 24		
	APP-1060-ARK-021	4	Nuclear Island General Arrangement Plan at Elevation 153'-0" (116.154 m) & 160'-6" (118.440 m)	October 2008	Chapter 16		
	APP-1060-C2K-001	2	Nuclear Island Key Structural Dimensions Plan at El. 153'-0" (116.154 m)	October 2008	Chapter 16		
	APP-1060-N5-001	1	Radiation Zones Normal Operation / Shutdown Nuclear Island EL. 153'-0" and 160'-6"	December 2007	Chapter 24		
	APP-1060-N5-101	2	RADIATION ZONES POST-ACCIDENT NUCLEAR ISLAND EL. 153'-0" & 160'-6"	October 2015	Chapter 24		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1060-N5-201	1	Radiological Access Control Normal Operation/Shutdown Nuclear Island EL. 153'-0" & 160'-6"	December 2007	Chapter 24		
	APP-1070-ARK-021	2	Nuclear Island General Arrangement Plan at Elevation 160'-6" (118.440 m)& 180'-0" (124.384 m)	October 2008	Chapter 16		
	APP-1070-C2K-001	1	Nuclear Island Key Structural Dimensions Plan at El. 160'-6" (118.440 m)	October 2008	Chapter 16		
	APP-1070-N5-001	1	RADIATION ZONES NORMAL OPERATION / SHUTDOWN NUCLEAR ISLAND EL. 160'-6" & 180'-0"	September 2015	Chapter 24		
	APP-1070-N5-101	2	RADIATION ZONES POST-ACCIDENT NUCLEAR ISLAND EL. 160'-6" & 180'-0"	September 2015	Chapter 24		
	APP-1070-N5-201	1	RADIOLOGICAL ACCESS CONTROLS NORMAL OPERATION / SHUTDOWN NUCLEAR ISLAND EL. 160'-6" & 180'-0"	September 2015	Chapter 24		
	APP-1100-N5C-004	2	AP1000 – In containment radiation zoning 24 hours after shutdown	November 2015	Chapter 24		TQ-AP1000-0987*
	APP-1100-N5C-005	2	AP1000 – In Containment Radiation Zoning During Normal Operation	June 2015	Chapter 24		TQ-AP1000-0987*

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-1100-SUC-005	0	Structural Modules - Containment – Effects of Concrete Placement Stresses	December 2005	Chapter 16		TQ-AP1000-0644*
	APP-1200-ARX-001	1	List of AP1000 Auxiliary Building Room Numbers	January 2013	Chapter 11		
	APP-1200-N2C-001	3	AP1000 Auxiliary Building Shielding Calculation	December 2015	Chapter 24		TQ-AP1000-0750*
	APP-1200-S3R-003	4	Design Report for the AP1000 Enhanced Shield Building	June 2011	Chapter 16		
	APP-1231-CC-103	7	Auxiliary Building Concrete Outline Area 1 Floor El. 100'-0"	February 2016	Chapter 11		
	APP-2000-ARK-901	1	Turbine Building General Arrangement Section A-A	May 2009	Chapter 16		
	APP-2000-ARK-902	1	Turbine Building General Arrangement Section B-B	May 2009	Chapter 16		
	APP-2030-ARK-001	1	Turbine Building General Arrangement Plan at Elevation 100'-0" (100.00 m)	May 2009	Chapter 16		
	APP-2030-N5-001	3	Radiation Zones Normal Operation/Shutdown Turbine Building EL 100'-0"	June 2015	Chapter 24		
	APP-2030-N5-101	3	Radiation Zones Post-Accident Turbine Building EL 100'-0"	June 2015	Chapter 24		
	APP-2030-N5-201	2	Radiological Access Controls Normal Operation/Shutdown Turbine Building EL 100'-0"	June 2015	Chapter 24		

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	APP-2040-ARK-001	1	Turbine Building General Arrangement Plan at Elevation 117'-6" (105.334 .m)	June 2009	Chapter 16		
	APP-2040-N5-001	2	Radiation Zones Normal Operation/Shutdown Turbine Building EL 117'-6" & 120' - 6"	June 2015	Chapter 24		
	APP-2040-N5-201	2	Radiological Access Control Normal Operation/Shutdown Turbine Building EL 117'-6" & 120' -6"	July 2015	Chapter 24		
	APP-2050-ARK-001	2	Turbine Building General Arrangement Plan at Elevation 135'-3" (110.74 m)	June 2009	Chapter 16		
	APP-2060-ARK-001	0	Turbine Building General Arrangement Plan at Elevation 161'-0"	August 2007	Chapter 16		
	APP-2060-P2K-001	1	Turbine Building General Arrangement Plan at Elevation 161'-0" with Equipment	June 2009	Chapter 16		
	APP-2070-ARK-001	1	Turbine Building General Arrangement Plan at Elevation 245'-0" & 226'-0"	June 2009	Chapter 16		
	APP-4000-AR-901	1	Annex Building General Arrangement Section A-A	August 2007	Chapter 16		
	APP-4000-C2K-901	1	Annex Building Key Structural Dimensions Section A – A	February 2009	Chapter 16		
	APP-4000-C2K-902	0	Annex Building Key Structural Dimensions Section B – B	August 2007	Chapter 16		

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	APP-4000-C2K-903	0	Annex Building Key Structural Dimensions Section C – C	August 2007	Chapter 16		
	APP-4000-C2K-904	1	Annex Building Key Structural Dimensions Sections D - D, E - E, & F – F	February 2009	Chapter 16		
	APP-4000-C2K-905	1	Annex Building Key Structural Dimensions Sections G - G, H - H, & J – J	February 2009	Chapter 16		
	APP-4000-G1-001	0	Functional Requirements for Annex Building	February 2009	Chapter 24		
	APP-4000-N2C-001	1	AP1000 Annex Building Shielding Calculation	October 2015	Chapter 24		TQ-AP1000-0987*
	APP-4030-ARK-001	2	Annex Building General Arrangement Plan at Elevation 100'-0" (100.00 m)	February 2011	Chapter 16		
	APP-4030-C2K-001	1	Annex Building Key Structural Dimensions Plan at Elevation 100'-0" (100.000 m)	February 2009	Chapter 16		
	APP-4030-N5-001	4	Radiation Zones Normal Operation/Shutdown Annex BLDG EL 100' - 0" & 107' - 2"	August 2014	Chapter 24		
	APP-4030-N5-002	2	Radiation Zones, Post-Accident Annex Building EL. 100'-0" and 107'-2"	August 2009	Chapter 24		
	APP-4030-N5-201	4	Radiological Access Controls Normal Operation/Shutdown Annex BLDG EL 100'-0" & 107'-2"	August 2014	Chapter 24		

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	APP-4040-ARK-001	1	Annex Building General Arrangement Plan at Elevation 117'-6" (105.334 m) & 126'-3" (108.00 m)	February 2011	Chapter 16		
	APP-4040-C2K-001	1	Annex Building Key Structural Dimensions Plan at Elevation 107'-2" (102.184 m) and 117'-6" (105.334 m)	February 2009	Chapter 16		
	APP-4040-N5-001	2	RADIATION ZONES, NORMAL OPERATION/SHUTDOWN ANNEX BUILDING ANNEX BLDG EL 117'-6" & 126'-3"	August 2014	Chapter 24		
	APP-4040-N5-002	2	Radiation Zones, Post-Accident Annex Building EL. 117'-6" and 126'-3"	August 2009	Chapter 24		
	APP-4040-N5-201	2	RADIOLOGICAL ACCESS CONTROLS NORMAL OPERATION/SHUTDOWN ANNEX BLDG EL 117'-6" & 126'-3"	August 2014	Chapter 24		
	APP-4050-ARK-001	1	Annex Building General Arrangement Plan at Elevation 135'-3" (110.74 m), 156'-0" (117.009 m) & 158'-0" (117.678 m)	February 2011	Chapter 16		
	APP-4050-C2K-001	1	Annex Building Key Structural Dimensions Plan at Elevation 135'-3" (110.74 m)	February 2009	Chapter 16		

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	APP-4050-N5-001	2	Radiation Zones, Normal Operation/Shutdown Annex Building EL 135'-3", 150'-3" & 158'-0"	August 2014	Chapter 24		
	APP-4050-N5-002	2	Radiation Zones, Post-Accident Annex Building EL. 135'-3" 146'-3" 156'-0" and 158'-0"	August 2009	Chapter 24		
	APP-4050-N5-201	2	Radiological Access Controls Normal Operation/Shutdown Annex Building EL 135'-3", 150'-3" & 158'-0"	August 2014	Chapter 24		
	APP-4060-C2K-001	1	Annex Building Key Structural Dimensions Plan at Elevation 158'-0" (117.678 m) and 146'-3" (114.097 m)	February 2009	Chapter 16		
	APP-4070-C2K-001	0	Annex Building Key Structural Dimensions Roof Plan at Elevation 154'-0" (116.46 m) and 181'-11 ¾" (124.99 m)	August 2007	Chapter 16		
	APP-5000-ARK-001	0	Radwaste Building General Arrangement Plan at Elevation 100'-0" (100.00 m)	August 2007	Chapter 16		
	APP-5000-S2C-001	0	AP1000 Radwaste Building Seismic Interaction	November 2009	Chapter 16		
	APP-5030-N5-001	2	Radwaste Building Radiation Zones, Normal Operation/Shutdown EL 100' - 0"	December 2015	Chapter 24		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-5030-N5-101	2	Radwaste Building Radiation Zones, Post-Accident EL 100' - 0"	December 2015	Chapter 24		
	APP-5030-N5-201	2	Radwaste Building Radiological Access Controls Normal Operation/Shutdown EL 100' -0"	December 2015	Chapter 24		
	APP-6030-ARK-001	1	Diesel Generator Building General Arrangement Plan at Elevation 100'-0" (100.00 m) & Section A-A	August 2007	Chapter 16		
	APP-AB01-Z0-001	5	Design Specification: Blockouts and Barriers (Penetrations, Seals and Fire Stops	December 2015	Chapter 11		
	APP-ASS-M3-001	0	AP1000 Auxiliary Steam Supply System Specification Document	April 2012	Chapter 6		
	APP-AY20-Z0-003	1	Design Specification for MSIV Compartment Lower Relief Panels	November 2016	Chapter 11		WEC-REG-01448N
	APP-BDS-M3-001	8	Steam Generator Blowdown System – System Specification Document	April 2015	Chapter 6 Chapter 17		
	APP-CAS-M3-001	2	AP1000 Compressed and Instrument Air System (CAS) - System Specification Document	October 2015	Chapter 6		
	APP-CCS-M3-001	4	AP1000 Component Cooling Water – System Specification	June 2013	Chapter 6 Chapter 17		
	APP-CDS-M3-001	3	AP1000 Condensate System – System Specification Document	May 2012	Chapter 6		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-CFS-M3-001	1	Turbine Island Chemical Feed System - System Specification Document	February 2016	Chapter 6		
	APP-CMS-M3-001	1	Condenser Air Removal System (CMS) System Specification Document	March 2012	Chapter 6		
	APP-CNS-M3-001	4	Containment System: System Specification Document	August 2015	Chapter 6 Chapter 17		
	APP-CPS-M3-001	0	Condensate Polishing System (CPS) System Specification Document	May 2011	Chapter 6		
	APP-CVS-M3-001	7	AP1000® Chemical and Volume Control System (CVS) System Specification Document	October 2015	Chapter 6 Chapter 17 Chapter 21 Chapter 24		
	APP-CVS-M3C-055	0	Chemical and Volume Control System (CVS) Ion-Exchange Resin Tolerances	July 2010	Chapter 21		
	APP-CVS-N0C-002	A	AP1000 Occupational Radiation Exposure Estimate for the Chemical and Volume Control System (CVS)	October 2010	Chapter 24		TQ-AP1000-1198*
	APP-DDS-J4-031	1	AP1000 Data Display and Processing System Application Programs Requirements Specification	May 2013	Chapter 19		WEC-REG-01367N
	APP-DOS-M3-001	D	Standby Diesel Fuel Oil System - System Specification Document	May 2008	Chapter 6		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-DTS-M3-001	1	Demineralized Water Treatment System (DTS) System Specification Document	October 2012	Chapter 6		
	APP-DWS-M3-001	1	Demineralized Water Transfer and Storage System Specification Document	September 2015	Chapter 6 Chapter 17		
	APP-EFS-E8-001	0	Emergency Preparedness Communication System, System Specification Document	March 2016	Chapter 6		
	APP-EW21-E1-001	3	AP1000 Standard Raceway and Cable Separation and Segregation	July 2014	Chapter 19		WEC-REG-01480N
	APP-FA01-V2-001	2	AP1000 Fuel Rod Layout 168" Active Fuel	April 2009	Chapter 22		
	APP-FA01-V2-101	3	AP1000 Fuel Assembly Interface Parameters 17x17x168 Active Fuel (.374 DIA Fuel Rod)	September 2011	Chapter 22		
	APP-FA01-V2-107	1	AP1000 Fuel Assembly Cross Section Layout	July 2010	Chapter 22		
	APP-FHS-M3-001	2	AP1000 Fuel Handling System - System Specification Document	October 2014	Chapter 6 Chapter 11 Chapter 17		WEC-REG-0263R
	APP-FPS-G1R-002	1	AP1000 Fire Induced Multiple Spurious Actuation Report	February 2009	Chapter 11		WEC-REG-0140R
	APP-FPS-M6-001 through APP-FPS-M6-011	Various	Piping and Instrument Diagrams: Fire Protection System	October 2015	Chapter 11		

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	APP-FS02-Z0-101	2	AP1000 Spent Fuel Storage Racks	August 2010	Chapter 21		
	APP-FS06-N1C-001	0	AP1000 In-Containment Rack Criticality Analysis	February 2010	Chapter 9		
	APP-FWS-M3-001	7	AP1000 Main and Startup Feedwater System – System Specification Document	June 2015	Chapter 6 Chapter 17		
	APP-G1-E1-003	3	Raceway Design Discipline Criteria	September 2012	Chapter 18		WEC-REG-1115N
	APP-GJ01-GTP-001	A	AP1000 Job and Task Analysis Procedure	October 2007	Chapter 13		TQ-AP1000-0547*
	APP-GW-C1-001	3	AP1000 Civil/Structural Design Criteria	February 2015	Chapter 11 Chapter 12 Chapter 16 Chapter 20		WEC-REG-0684N
	APP-GW-C1C-001	0	Wind Evaluation Procedures and Code Requirements	April 2004	Chapter 12		TQ-AP1000-0642*
	APP-GW-E1-001	1	Electrical Systems Design Criteria	February 2016	Chapter 18		
	APP-GW-G1-001	4	AP1000 Plant Design Criteria	January 2011	Chapter 11		WEC-REG-0701N
	APP-GW-G1-002	4	AP1000 Equipment Qualification Methodology	September 2014	Chapter 5 Chapter 11 Chapter 18 Chapter 19		WEC-REG-0328N
	APP-GW-G1-003	6	AP1000 Seismic Design Criteria	August 2011	Chapter 12 Chapter 15 Chapter 16 Chapter 20		WEC-REG-0851N

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	APP-GW-G1-011	7	AP1000 Plant Metrication Strategy and ALARP Assessment for the United Kingdom	November 2016	Chapter 5 Chapter 16		WEC-REG-01407N
	APP-GW-G1R-007	A	Operating Experience to Apply to Light Water Reactor Designs	May 2007	Chapter 13		
	APP-GW-G1X-001	8	Governing AP1000® Design Codes and Standards	June 2014	Chapter 3		
	APP-GW-GAP-341	0	AP1000 Plant Program Design Change Control	January 2016	Chapter 7 Chapter 13		WEC-REG-0678N
	APP-GW-GBH-361	2	Westinghouse AP1000 Integrated I&C Test Strategy	September 2015	Chapter 19		WEC-REG-01263N
	APP-GW-GEC-005	2	AP1000 Chemistry Characterization – Fluid Type D – Component Cooling Water	January 2013	Chapter 21		
	APP-GW-GEE-2411	0	ADS Diverse Actuation Block	March 2011	Chapter 10		WEC-REG-0825N
	APP-GW-GEE-5405	0	UK AP1000 Internal Hazards Criteria Changes	November 2016	Chapter 11		WEC-REG-01460N
	APP-GW-GEM-200	4	AP1000 Chemistry Manual	March 2016	Chapter 21 Chapter 22		
	APP-GW-GER-002	7	Summary of AP1000® Chemistry Characterizations	July 2015	Chapter 21		
	APP-GW-GER-005	1	Safe and Simple: the Genesis and Process of the AP1000 Design	August 2008	Chapter 2 Chapter 7 Chapter 10 Chapter 13 Chapter 14	Chapter 2	TQ-AP1000-0085*
	APP-GW-GER-100	0	Decontamination Equipment Facilities Report	October 2011	Chapter 26		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-GW-GGR-100	0	AP1000 Human Factors Multi-discipline Preliminary Design Review Report	June 2006	Chapter 13		TQ-AP1000-0547*
	APP-GW-GGR-101	0	AP1000 Human Factors Engineering Design Review Report #2	January 2014	Chapter 13		TQ-AP1000-0547*
	APP-GW-GJP-100	3	Writer's Guideline for Operating Procedures	June 2015	Chapter 13		
	APP-GW-GJP-115	1	Conduct of Operations	June 2014	Chapter 13		
	APP-GW-GJP-150	1	Operating Procedures Verification and Validation	February 2015	Chapter 13		
	APP-GW-GJP-204	8	Steam Generator Tube Rupture	September 2014	Chapter 9		TQ-AP1000-0351*
	APP-GW-GJP-207	7	Natural Circulation Cooldown	July 2014	Chapter 9		TQ-AP1000-0351*
	APP-GW-GJP-237	4	Steam Dump to Condenser	July 2014	Chapter 9		TQ-AP1000-0648*
	APP-GW-GJP-238	4	Steam Dump to Atmosphere	July 2014	Chapter 9		TQ-AP1000-0431*
	APP-GW-GJP-323	1	Loss of AC Power	July 2014	Chapter 9		
	APP-GW-GJP-500	0	Executive Volume for AP1000 Severe Accident Management Guidelines	March 2015	Chapter 13 Chapter 25		
	APP-GW-GJP-501	0	Severe Accident Control Room Guideline Initial Response	March 2015	Chapter 13		
	APP-GW-GJP-502	0	Severe Accident Control Room Guideline After The TSC Is Functional	March 2015	Chapter 13		
	APP-GW-GJR-204	8	Background Information for E-3, Steam Generator Tube Rupture	September 2014	Chapter 9		TQ-AP1000-0798*

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-GW-GL-011	0	AP1000 Identification of Critical Human Actions and Risk Important Tasks	April 2006	Chapter 13		WEC-REG-0108N
	APP-GW-GL-022	8	AP1000 Probabilistic Risk Assessment	August 2009	Chapter 10 Chapter 13		
	APP-GW-GL-027	0	Framework for AP1000 Severe Accident Management Guidance	April 2006	Chapter 25		
	APP-GW-GL-700	19	AP1000 Design Control Document	June 2011		Chapter 1	
	APP-GW-GLE-026	1	Application of ASTRUM Methodology for Best-Estimate Large-Break Loss-of-Coolant Accident Analysis for AP1000	January 2009	Chapter 9		
	APP-GW-GLN-098	0	AP1000 Standard Combined License Technical Report 98 'Compliance with 10CFR20.1406	April 2007	Chapter 26	Chapter 2	TQ-AP1000-0168*
	APP-GW-GLR-001	3	Operational Assessment for AP1000	August 2004	Chapter 13		TQ-AP1000-0648*
	APP-GW-GLR-029	4	AP1000 Spent Fuel Storage Racks Criticality Analysis	January 2013	Chapter 9		
	APP-GW-GLR-030	0	New Fuel Storage Rack Criticality Analysis	May 2006	Chapter 9		
	APP-GW-GLR-033	5	Spent Fuel Storage Racks Structural/Seismic Analysis	November 2014	Chapter 9		
	APP-GW-GLR-071	7	AP1000 Protection and Safety Monitoring System Architecture Technical Report	August 2015	Chapter 19		

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	APP-GW-GLR-104	1	AP1000 Cyber Security Implementation	June 2008	Chapter 19		
	APP-GW-GLR-133	1	Summary of Automobile Tornado Missile 30' Above Grade	May 2010	Chapter 12 Chapter 16		TQ-AP1000-0716*
	APP-GW-GLR-137	1	Bases of Digital Overpower and Overtemperature Delta-T (OPΔT/OTΔT) Reactor Trips	February 2011	Chapter 9		
	APP-GW-GRP-001	2	AP1000 Local Panels and Maintainability Human Factors Design Guidelines	February 2014	Chapter 13		WEC-REG-0116N
	APP-GW-J1-010	11	AP1000 I&C System Requirements Specification	April 2014	Chapter 19		WEC-REG-0389N
	APP-GW-J1R-004	7	AP1000 Instrument and Control Defense-in-Depth and Diversity Report	November 2015	Chapter 11 Chapter 19		WEC-REG-01186N
	APP-GW-J1R-008	0	Safety Criteria for the AP1000 Instrumentation and Control Systems	August 2007	Chapter 11		TQ-AP1000-0655*
	APP-GW-J4-001	11	AP1000 I&C System Design Specification	April 2014	Chapter 19		
	APP-GW-JJ-002	4	FMEA of AP1000 Protection and Safety Monitoring System	November 2011	Chapter 10		
	APP-GW-JJ-005	0	AP1000 Diverse Actuation System Reliability Analysis Report	October 2012	Chapter 10		
	APP-GW-M1-002	0	AP1000 Fire Protection Design Criteria and Guidelines	November 2009	Chapter 11		WEC-REG-0140R

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	APP-GW-M3C-013	0	AP1000 Valve Missile Protection	May 2014	Chapter 11		WEC-REG-0018R
	APP-GW-N1-001	5	Pipe Rupture Protection Design Criteria for the AP1000 Plant	April 2015	Chapter 11 Chapter 16		WEC-REG-0150N
	APP-GW-N1-004	1	Design Criteria for the Protection from Internally Generated Missiles	November 2008	Chapter 11		WEC-REG-0093N
	APP-GW-N1-005	1	AP1000 Design Criteria and Guidelines for Protection from Seismic Interaction	September 2008	Chapter 5		TQ-AP1000-1011*
	APP-GW-N1-007	5	AP1000 Design Criteria for Protection from Flooding	December 2015	Chapter 11		
	APP-GW-N1-021	2	AP1000 Radiation Analysis Design Manual	July 2015	Chapter 21 Chapter 24		
	APP-GW-N2C-006	3	AP1000 Spent Fuel Shielding Evaluation	January 2015	Chapter 24		TQ-AP1000-0628*
	APP-GW-N4C-003	F	Fire Protection Analysis Combustible Loading and Fire Severity	May 2014	Chapter 11		WEC-REG-0140N
	APP-GW-N4R-003	H	Fire Protection Analysis Report	July 2014	Chapter 10 Chapter 11		WEC-REG-0140R
	APP-GW-P0-007	7	AP1000 Specification for Shop Fabricated Piping	June 2014	Chapter 20		
	APP-GW-P0-008	6	AP1000 Specification for Field Fabricated Piping and Installation, ASME III, Code Classes 1, 2, and 3 and ASME B31.1	June 2014	Chapter 20		

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	APP-GW-P1-001	1	Piping Design Criteria for AP1000	February 2011	Chapter 20		
	APP-GW-P1-002	1	AP1000 General Layout Criteria	April 2015	Chapter 15		
	APP-GW-S1-004	0	AP1000 Design Guide for Wind and Tornado	August 2010	Chapter 16		
	APP-GW-S2R-010	5	Extension of Nuclear Island Seismic Analysis to Soil Sites	March 2011	Chapter 12 Chapter 16		WEC-REG-0851N
	APP-GW-SUP-001	4	Design Methodology for Structural Modules	May 2014	Chapter 16		RI-AP1000-02*
	APP-GW-VLR-002	2	Technical Requirements of Stainless Steels, Nickel-based Alloys, Carbon and Low Alloy Steels, and Welding Materials for the AP1000	January 2016	Chapter 20		
	APP-GW-VLR-010	2	AP1000 Supplemental Fabrication and Inspection Requirements	January 2016	Chapter 20		
	APP-GW-VP-030	5	AP1000 Environmental Conditions (for Equipment Qualification)	January 2015	Chapter 11 Chapter 18		
	APP-GW-VW-001	1	AP1000® Design for Inspectability Program: ISI Requirements and Design Guidance for Class 1 Components	June 2014	Chapter 20		WEC-REG-0116N
	APP-GW-VW-002	0	AP1000 Design for Inspectability Program: ISI Requirements for Class 2 and 3 Components and Core Internals Structures	June 2007	Chapter 20		

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	APP-GW-ZO-601	4	Heat Treatment of Stainless Steel for Dimensional Stability	December 2012	Chapter 20		
	APP-GW-ZO-602	3	AP1000 Cleaning and Cleanliness Requirements of Equipment for Use in Nuclear Supply and Associated Systems	March 2013	Chapter 20		
	APP-GW-ZO-608	1	Material Test Specification for Austenitic Stainless Steel Cladding	November 2010	Chapter 20		
	APP-MB01-VMR-001	0	AP1000 Component ISI Inspectability Assessment: Steam Generator	April 2011	Chapter 20		
	APP-MB01-ZO-101	11	Design Specification for AP1000 Steam Generator for System RCS	November 2016	Chapter 20		
	APP-MB01-ZOR-100	6	AP1000 Steam Generator Generic Design Report	October 2016	Chapter 20		WEC-REG-01490N
	APP-ME02-GRA-001	1	AP1000 Passive Residual Heat Removal Heat Exchanger (PRHR HX) Failure Mode and Effects Analysis (FMEA)	February 2010	Chapter 20		
	APP-ME02-VMR-001	1	AP1000 Component ISI Inspectability Assessment: Passive Residual Heat Removal Heat Exchanger (PRHR HX)	January 2013	Chapter 20		
	APP-ME02-ZO-001	4	AP1000 Passive Residual Heat Removal Heat Exchanger Functional Specification	March 2011	Chapter 20		

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	APP-ME02-Z0-101	12	Design Specification AP1000 Passive Residual Heat Removal Heat Exchanger for System PXS	December 2016	Chapter 20		
	APP-ME02-Z0-200	2	AP1000 PRHR HX Fabrication Specification	May 2013	Chapter 20		
	APP-ME02-Z0R-100	2	AP1000 Passive Residual Heat Removal Heat Exchanger Generic Design Report	November 2016	Chapter 20		WEC-REG-01408N
	APP-MH01-Z0-101	4	Design Specification for AP1000 Polar Crane for Mechanical Handling System (MHS)	August 2014	Chapter 17		
	APP-MHS-M3-101	2	AP1000 Mechanical Handling System - System Specification Document	July 2014	Chapter 17		WEC-REG-0263R
	APP-MI01-GRA-001	1	AP1000 Reactor Vessel Internals Failure Modes and Effects Analysis	March 2012	Chapter 20		
	APP-MI01-GRA-002	1	Reactor Vessel Flow Skirt Failure Modes and Effects Analysis	July 2013	Chapter 20		
	APP-MI01-S3C-340	2	AP1000 Reactor Vessel Flow Skirt Structural Qualification	June 2015	Chapter 20		
	APP-MI01-S3R-002	5	AP1000 Generic Reactor Vessel Internals (RVI) Summary Design Report	October 2016	Chapter 20		
	APP-MI01-Z0-001	4	AP1000 Reactor Vessel Internals Functional Specification	June 2011	Chapter 20		

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	APP-MI01-Z0-101	10	AP1000 Reactor Vessel Internals Design Specification	September 2016	Chapter 20		
	APP-MI01-Z0-370	4	Design Specification for AP1000 Reactor Vessel Flow Skirt Shop Order MI01 for System RXS	June 2015	Chapter 20		
	APP-MI01-Z0-600	3	AP1000 Reactor Internals Fabrication Requirements	January 2016	Chapter 20		
	APP-MSS-M3-001	3	AP1000 Main Steam System Specification Document	June 2012	Chapter 6 Chapter 17		
	APP-MT01-GRA-001	0	AP1000 Core Makeup Tank Failure Modes and Effects Analysis	November 2009	Chapter 20		
	APP-MT01-VMR-001	1	AP1000 Component ISI Inspectability Assessment: Core Makeup Tank	May 2012	Chapter 20		
	APP-MT01-Z0-001	3	AP1000 Core Makeup Tank Functional Specification	July 2011	Chapter 20		
	APP-MT01-Z0-100	9	Design Specification for AP1000 Core Makeup Tank for System PXS	August 2016	Chapter 20		
	APP-MT01-Z0R-001	5	AP1000 Core Makeup Tank ASME Generic Design Report	October 2016	Chapter 20		
	APP-MT02-GRA-001	0	AP1000 Accumulator Tank Failure Modes and Effects Analysis	September 2009	Chapter 20		
	APP-MT02-Z0-001	4	AP1000 Accumulator Tank Functional Specification	October 2009	Chapter 20		

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	APP-MT02-Z0-101	9	Design Specification for AP1000 Accumulator Tank for PXS	December 2016	Chapter 20		
	APP-MT02-Z0R-001	7	Detailed Analysis of AP1000 Accumulator Tank	January 2015	Chapter 20		
	APP-MT02-Z0R-101	7	AP1000 Accumulator Tank Generic Design Report	December 2016	Chapter 20		
	APP-MTS-GSA-021-NP	0	Analysis of the Probability of the Generation of Missiles from Fully Integral Nuclear Low Pressure Turbines	September 2007	Chapter 11		
	APP-MTS-M3-001	4	AP1000 Main Turbine System – System Specification Document	July 2015	Chapter 6 Chapter 17		
	APP-MV01-VMR-001	A	AP1000 Component ISI Inspectability Assessment: Reactor Pressure Vessel & Reactor Pressure Vessel Head	November 2008	Chapter 20		
	APP-MV01-Z0-001	4	AP1000 Reactor Pressure Vessel Functional Specification	June 2013	Chapter 20		TQ-AP1000-0090*
	APP-MV01-Z0-101	14	Design Specification for AP1000 Reactor Vessel for System: Reactor Coolant System (RCS)	July 2016	Chapter 20		TQ-AP1000-1123*
	APP-MV01-Z0-332	2	AP1000 Reactor Vessel Requirements for Hydrotesting	February 2011	Chapter 20		
	APP-MV01-Z0C-010	7	AP1000 Reactor Vessel Fracture Mechanics Evaluation per ASME Section III Appendix G	August 2016	Chapter 20		

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	APP-MV01-Z0C-040	7	Detailed Analysis of the Direct Vessel Injection (DVI) Nozzle for the AP1000 Reactor Vessel	August 2016	Chapter 20		
	APP-MV01-Z0R-101	7	AP1000 Reactor Vessel Design Report	August 2016	Chapter 20		WEC-REG-01311N
	APP-MV20-VMR-001	0	AP1000 Component ISI Inspectability Assessment: Pressurizer	June 2011	Chapter 20		
	APP-MV20-Z0-100	9	Design Specification for AP1000 Pressurizer for RCS System	September 2016	Chapter 20		
	APP-MV20-Z0-200	2	AP1000 Pressurizer Fabrication Specification	December 2012	Chapter 20		
	APP-MV20-Z0R-101	4	AP1000 Pressurizer Design Report	November 2016	Chapter 20		WEC-REG-01408N
	APP-MV50-S2C-002	1	Design of Containment Vessel for Internal and External Pressure	April 2010	Chapter 20		
	APP-MV50-Z0-001	9	AP1000 Containment Vessel Design Specification	August 2015	Chapter 20		
	APP-OCS-GBH-001	1	Human Factors Engineering Program Plan	April 2009	Chapter 13		
	APP-OCS-GEH-020	2	Programmatic Level Description of the AP1000 Human Factors Verification and Validation Plan	October 2003	Chapter 13		
	APP-OCS-GEH-120	3	AP1000 Human Factors Engineering Design Verification Plan	December 2014	Chapter 13		TQ-AP1000-0729*

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	APP-OCS-GEH-220	4	AP1000 Human Factors Engineering Task Support Verification Plan	January 2015	Chapter 13		TQ-AP1000-0729*
	APP-OCS-GEH-320	6	AP1000 Human Factors Engineering Integrated System Validation Plan	January 2015	Chapter 13		WEC-REG-0028R
	APP-OCS-GEH-321	1	Human Factors Engineering Integrated System Validation Scenario Information	January 2015	Chapter 13		WEC-REG-0108N
	APP-OCS-GEH-420	2	AP1000 Human Factors Engineering Discrepancy Process	December 2014	Chapter 13		WEC-REG-0028R
	APP-OCS-GEH-520	4	AP1000 Plant Start-up Human Factors Engineering Design Verification Plan	December 2014	Chapter 13		TQ-AP1000-0779*
	APP-OCS-GER-031	0	The Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Procedures	November 2015	Chapter 13		TQ-AP1000-0547*
	APP-OCS-GER-041	0	AP1000 the Incorporation of Human Factors Engineering into the Development of the AP1000 Plant Training Programs	November 2015	Chapter 13		
	APP-OCS-GER-120	1	AP1000 Human Factors Engineering Design Verification Report	September 2015	Chapter 13		TQ-AP1000-947*
	APP-OCS-GER-220	1	AP1000 Human Factors Engineering Task Support Verification Report	June 2016	Chapter 13		WEC-REG-01213N

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	APP-OCS-GER-320	3	Human Factors Engineering Integrated System Validation Report	November 2016	Chapter 13		
	APP-OCS-GGR-110	1	AP1000 Technical Support Centre and Emergency Operations Facility Workshop	February 2008	Chapter 13		TQ-AP1000-0547*
	APP-OCS-GJR-001 (WCAP-14645-NP, Rev 3)	0	Human Factors Engineering Operating Experience Review Report for the AP1000 Nuclear Power Plant	November 2006	Chapter 13		
	APP-OCS-GJR-002	1	AP1000 Concept of Operation	February 2016	Chapter 13		TQ-AP1000-0547*
	APP-OCS-GJR-003	2	AP1000 Main Control Room Staff Roles and Responsibilities	July 2010	Chapter 13		
	APP-OCS-GLR-001	2	AP1000 Post-Accident Risk-Important Human Actions Summary Report	December 2014	Chapter 13		WEC-REG-0612N
	APP-OCS-J1-001	3	Standard Alarm Presentation System Functional Requirements	August 2016	Chapter 13		TQ-AP1000-0547*
	APP-OCS-J1-002	6	AP1000 Human System Interface Design Guidelines	July 2016	Chapter 13		TQ-AP1000-0172*
	APP-OCS-J1-011	1	AP600/AP1000 Functional Requirements Analysis and Function Allocation	November 2008	Chapter 13		
	APP-OCS-J1A-030	2	AP1000 Function-Based Task Analysis Summary Report	January 2015	Chapter 13		TQ-AP1000-0172*

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	APP-OCS-J1R-100	1	Function Based Task Analysis Methodology and Implementation for AP1000	February 2014	Chapter 13		TQ-AP1000-0650*
	APP-OCS-J1R-110	2	AP1000 Operational Sequence Analysis 1 (OSA-1) Methodology	February 2014	Chapter 13		UN REG WEC 00384*
	APP-OCS-J1R-120	6	AP1000 Operational Sequence Analysis 1 (OSA-1) Summary Report	July 2015	Chapter 13		TQ-AP1000-0177*
	APP-OCS-J1R-210	2	AP1000 Operational Sequence Analysis 2 (OSA-2) Implementation Plan	February 2014	Chapter 13		TQ-AP1000-0547*
	APP-OCS-J1R-220	2	AP1000 Operational Sequence Analysis 2 (OSA-2) Summary Report	September 2014	Chapter 13		TQ-AP1000-0547*
	APP-OCS-J7-001	1	Operations and Control Centres System, System Specification Document	March 2016	Chapter 13		WEC-REG-01156N
	APP-OCS-JCR-001	A	AP1000 Local Panels and Maintainability HFE Assessment	September 2010	Chapter 13		
	APP-OCS-T2R-020	0	AP1000 Engineering Tests - Phase 1 Test Report	November 2006	Chapter 13		TQ-AP1000-0172*
	APP-OCS-T2R-022	0	AP1000 Engineering Tests - Phase 2 Test Report	September 2007	Chapter 13		TQ-AP1000-0172*
	APP-OCS-T2R-030	0	AP1000 Human Factors Engineering Tests - Phase 3 Test Report	February 2009	Chapter 13		TQ-AP1000-0172*
	APP-OCS-T5-020	0	Engineering Test Plan for AP1000 Soft Controls	September 2005	Chapter 13		TQ-AP1000-0547*

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	APP-OCS-T5-022	0	Phase 2 Engineering Test Plan for AP1000 Control Room Integration	September 2007	Chapter 13		TQ-AP1000-0547*
	APP-PCS-M3-001	8	Passive Containment Cooling System – System Specification Document	September 2015	Chapter 6 Chapter 17		
	APP-PGS-M3-001	1	Plant Gas System (PGS) System Specification Document	January 2012	Chapter 6		WEC-REG-0269R
	APP-PL01-T1-001	3	AP1000 SA-376 TP316LM Hot Leg Piping Forging (ASME Section III-NB) Full Scale Mock-Up Qualification Test Specification	December 2014	Chapter 20		
	APP-PL01-VMR-001	0	AP1000 Component ISI Inspectability Assessment: Main Loop and Surge Line Piping	August 2011	Chapter 20		
	APP-PL01-Z0-200	6	Reactor Coolant Loop Seamless Forged and Formed Pipe Fabrication Specification	January 2014	Chapter 20		
	APP-PL01-Z0-201	1	Reactor Coolant Loop Piping Fabrication Specification Including Welding	December 2013	Chapter 20		
	APP-PL02-Z0-101	3	AP1000 Class 1 Piping and Non-Class 1 Extensions Design Specification	October 2015	Chapter 20		
	APP-PL02-Z0-102	3	AP1000 Class 2, 3 Piping and B31.1 Extensions Design Specification	October 2015	Chapter 20		

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	APP-PMS-J1-001	12	AP1000 Protection and Safety Monitoring System Functional Requirements	June 2016	Chapter 19		WEC-REG-01527N
	APP-PMS-VBR-003	5	Equipment Qualification Summary Report for PMS Cabinets and NIS Auxiliary Panels for Use in the AP1000 Plant	March 2016	Chapter 19		WEC-REG-01156N
	APP-PRA-GM-005	C	AP1000 Plant PSA Human Reliability Analysis Guidebook	November 2016	Chapter 13		
	APP-PRA-GSC-027	2	AP1000 PRA-BASED SEISMIC MARGIN ASSESSMENT UPDATE	February 2011	Chapter 10		TQ-AP1000-0646*
	APP-PRA-GSC-304	0	AP1000 In-Vessel Retention of Molten Core Debris	July 2003	Chapter 10		
	APP-PRA-GSC-321	C	AP1000 Plant At-Power Internal Events PSA, Human Reliability Analysis Notebook	July 2015	Chapter 13		WEC-REG-0243N
	APP-PRA-GSC-379	D	AP1000® Fire Modeling Assessment of Wall Exposure Temperature Profiles for Select Rooms	December 2016	Chapter 11		WEC-REG-01476N
	APP-PRA-GSC-400	C	AP1000 Spent Fuel Pool Probabilistic Risk Assessment (PRA)	January 2010	Chapter 10		UN REG WEC 147*
	APP-PSS-M3-001	3	AP1000 Primary Sampling System – System Specification Document	September 2015	Chapter 6 Chapter 21		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-PV70-GER-002	2	Squib Valve (PV70) and Squib Valve Actuator (PV98) Design Project Summary	October 2016	Chapter 17		WEC-REG-01468N
	APP-PWS-M3-001	1	AP1000 Potable Water System (PWS) System Specification Document Seismic Category: I	November 2011	Chapter 6		
	APP-PXS-GSR-001	1	Extended Closed Loop PRHR HX Performance Under Saturation Conditions	January 2016	Chapter 9		WEC-REG-0969N
	APP-PXS-M3-001	7	Passive Core Cooling System, System Specification Document	July 2015	Chapter 6 Chapter 17 Chapter 20		
	APP-PXS-M3C-021	1	AP1000 Post LOCA pH Adjustment	April 2012	Chapter 21		
	APP-PXS-M3C-205	5	Passive Core Cooling System (PXS) Design Transients	June 2014	Chapter 20		
	APP-PXS-M8-003	3	AP1000 PRHR HX Interface Control Document	October 2015	Chapter 20		
	APP-RCS-M1-001	4	Reactor Coolant System Design Transients	February 2013	Chapter 20		RO-AP1000-019.A3*
	APP-RCS-M1C-043	0	AP1000 Design Transient – Daily Load Following Operations	November 2007	Chapter 20		
	APP-RCS-M3-001	8	Reactor Coolant System, System Specification Document	June 2015	Chapter 6 Chapter 17 Chapter 20		
	APP-RCS-M8-002	5	AP1000 Steam Generator – Interface Control Document (ICD)	May 2015	Chapter 20		

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	APP-RCS-PLC-056	2	AP1000 Reactor Coolant Loop (RCL): Seismic Time History Analysis	November 2015	Chapter 20		
	APP-RCS-PLC-061	1	AP1000 Reactor Coolant Loop Piping Component Fatigue Evaluation	August 2014	Chapter 20		WEC-REG-0622N
	APP-RCS-PLR-050	4	AP1000 Reactor Coolant Loop (RCL): Piping Qualification	December 2015	Chapter 20		
	APP-RMS-J7-001	6	Radiation Monitoring System – System Specification Document	April 2015	Chapter 23		WEC-REG-01179N
	APP-RNS-M3-001	5	Normal Residual Heat Removal System – System Specification Document	May 2015	Chapter 6 Chapter 17		
	APP-RXS-M3-001	6	Reactor System (RXS) System Specification Document (SSD)	May 2014	Chapter 6 Chapter 17 Chapter 22		
	APP-RXS-M3C-025	6	AP1000 Plant Design - Thermal-Hydraulic Analysis Using the THRIVE Code	November 2015	Chapter 22		
	APP-RXS-M3C-105	1	Source Range Detector Weighting Factors for AP1000 Sub-Critical Rod Worth Measurement Application	August 2016	Chapter 22		
	APP-RXS-M8-001	6	Reactor System (RXS) Interface Control Document (ICD)	March 2016	Chapter 16		
	APP-RXS-ZOR-001	2	AP1000 Generic Pressure Temperature Limits Report	October 2008	Chapter 20		TQ-AP1000-0090*

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	APP-SB01-Z0-001	1	AP1000 Containment Vessel Air Baffle Functional Specification	July 2011	Chapter 16		
	APP-SDS-M3-001	1	Sanitary Drainage System (SDS) System Specification Document	December 2011	Chapter 6		
	APP-SFS-M3-001	8	AP1000® Spent Fuel Pool Cooling System - System Specification Document	March 2016	Chapter 6 Chapter 17		
	APP-SFS-M3C-012	5	AP1000 Spent Fuel Pool Heatup, Boiloff, and Emergency Makeup on Loss of Cooling	April 2014	Chapter 9		
	APP-SGS-M3-001	7	AP1000 Steam Generator System (SGS) System Specification Document	March 2016	Chapter 6 Chapter 17		
	APP-SGS-M6-001	15	Piping and Instrumentation Diagram Steam Generator System	April 2013	Chapter 20		
	APP-SGS-M6-002	15	Piping and Instrumentation Diagram Steam Generator System	April 2013	Chapter 20		
	APP-SGS-PLW-030	4	Steam Generator System Containment Building Room 11500 Main Steam Line A	June 2014	Chapter 20		
	APP-SGS-PLW-031	4	Steam Generator System Auxiliary Building Room 12406 Main Steam Line A	June 2014	Chapter 20		
	APP-SGS-PLW-032	4	Steam Generator System Auxiliary Building Room 12406 Main Steam Line A	July 2014	Chapter 20		

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	APP-SGS-PLW-040	5	Steam Generator System Containment Building Room 11400/11500 Main Steam Line B	July 2014	Chapter 20		
	APP-SGS-PLW-041	4	Steam Generator System Auxiliary Building Room 12404 Main Steam Line B	July 2014	Chapter 20		
	APP-SGS-PLW-042	5	Steam Generator System Auxiliary Building Room 12404 Main Steam Line B	July 2014	Chapter 20		
	APP-SGS-PLW-30A	2	Steam Generator System Containment Building Rooms 11500/11701 Main Steam Line A	July 2014	Chapter 20		
	APP-SGS-PLW-40A	2	Steam Generator System Containment Building Rooms 11500/11702 Main Steam Line B	July 2014	Chapter 20		
	APP-SSAR-G3C-001	0	AP1000 Occupational Radiation Exposure Estimate for Refueling	July 2009	Chapter 24		
	APP-SSAR-GSC-172	1	AP1000 Steamline Break Mass and Energy Release Inside Containment Analysis	August 2014	Chapter 9		
	APP-SSAR-GSC-182	2	AP1000 Spent Fuel Pool Boiling Radiological Doses for the Advanced First Core	April 2016	Chapter 9		
	APP-SSAR-GSC-191	1	AP1000 LOCA Mass/Energy Releases with SATAN78 and Long Term LOCA Mass/Energy Release Spreadsheet Methodology	September 2016	Chapter 9		
	APP-SSAR-GSC-565	1	AP1000 Dose Assessment	July 2006	Chapter 24		

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	APP-SSAR-GSC-723	1	AP1000 – Dose Evaluation for Vital Area Access Outside Containment in Post-Accident Conditions	December 2014	Chapter 24		
	APP-SSAR-GSC-768	0	AP1000 WGOthic Evaluation Model for Peak Containment Pressure Analyses	July 2014	Chapter 9		
	APP-SSS-M3-001	2	Secondary Sampling System (SSS) - System Specification Document	February 2012	Chapter 6 Chapter 21		
	APP-SWS-M3-001	2	AP1000 Service Water System – System Specification Document	June 2012	Chapter 6 Chapter 17		
	APP-TCS-M3-001	0	Turbine Building Closed Cooling Water System (TCS)	March 2011	Chapter 6		
	APP-VAS-M3-001	0	Radiologically Controlled Area Ventilation System, System Specification Document	March 2016	Chapter 23		
	APP-VBS-GJP-401	0	Alarm Response – Nuclear Island Nonradioactive Ventilation System	July 2014	Chapter 11		WEC-REG-01443N
	APP-VBS-M3-001	D	Nuclear Island Nonradioactive Ventilation System, System Specification Document	May 2008	Chapter 23		TQ-AP1000-0947*
	APP-VCS-M3-001	0	Containment Recirculation Cooling System (VCS); System Specification Document	August 2015	Chapter 11 Chapter 23		
	APP-VES-M3-001	4	Main Control Room Emergency Habitability System, System Specification Document	November 2014	Chapter 6 Chapter 23		

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	APP-VFS-M3-001	1	Containment Air Filtration System, System Specification Document	September 2015	Chapter 23		
	APP-VHS-M3-001	0	Health Physics and Hot Machine Shop HVAC System (VHS), System Specification Document	January 2009	Chapter 23		
	APP-VL51-Z0-002	4	Material Specification for SA-508/SA-508M Grade 3 Class 2 Forgings (Section III-NB)	August 2011	Chapter 20		
	APP-VL51-Z0-004	3	AP1000 Reactor Vessel Material Specification for SA-508/SA-508M Grade 3 Class 1 for Core Region Forgings (Section III-NB)	August 2009	Chapter 20		TQ-AP1000-0771*
	APP-VL51-Z0-041	0	Material Specification for SA-508/SA-508 M Grade 3 Class 2 Forgings	April 2009	Chapter 20		
	APP-VL53-Z0-011	4	Material Specification for Thermally Treated Alloy UNS N06690 (Alloy 690) Tubing for AP1000	September 2010	Chapter 20		
	APP-VL53-Z0-014	3	Thermally Treated Alloy UNS N06690 (Alloy 690) Tubing for the AP1000 Passive Residual Heat Removal (PRHR) Heat Exchanger	March 2010	Chapter 20		
	APP-VLS-M3-001	4	Containment Hydrogen Control System: System Specification Document	February 2014	Chapter 6 Chapter 23		

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	APP-VRS-M3-001	0	Radwaste Building HVAC System, System Specification Document	October 2015	Chapter 23		
	APP-VTS-M3-001	0	Turbine Building Ventilation System (VTS) System Specification Document	July 2012	Chapter 23		
	APP-VUS-M3-001	3	AP1000 Containment Leak Rate Test System - System Specification Document	August 2015	Chapter 6 Chapter 23		
	APP-VXS-M3-001	D	Annex/Auxiliary Building Nonradioactive HVAC System, System Specification Document	May 2008	Chapter 23		
	APP-VZS-M3-001	B	Diesel Generator Building HVAC System, System Specification Document	January 2009	Chapter 23		
	APP-WGS-M3-001	4	AP1000 Gaseous Radwaste System – System Specification Document	December 2012	Chapter 6		WEC-REG-0269R
	APP-WLS-M3-001	7	AP1000 Plant Liquid Radwaste System – System Specification Document	June 2015	Chapter 6		WEC-REG-0269R
	APP-WLS-M3C-040	1	Expected Radioactive Effluents Associated with Advanced Plant Designs	March 2008		Chapter 3	
	APP-WLS-M3C-041	2	WLS Gas Generation	September 2009	Chapter 11		
	APP-WLS-M3C-049	2	Monthly Radiation Emissions from Radioactive Nuclides	August 2009		Chapter 3	

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	APP-WLS-M3C-056	1	AP1000 Expected Production and Release Rates for 14C	September 2010		Chapter 3	
	APP-WRS-M3-001	6	AP1000® Radioactive Waste Drain System – System Specification Document	July 2014	Chapter 6		
	APP-WSS-M3-001	4	AP1000® Solid Radwaste System –System Specification	September 2013	Chapter 6		
	APP-WWS-M3-001	3	Waste Water System - System Specification Document	January 2012	Chapter 6		
	APP-ZOS-E8-001	0	Onsite Standby Power System Specification Document	July 2015	Chapter 17		
	CN-AP1000-189	1	Advanced BOA Calculations for AP1000 [Plant] CIPS/CILC Risk Assessment	March 2010	Chapter 21		
	CN-AP1000-234 (APP-PRA-F5-001)	0	Shutdown Calculations to Support AP1000 ATWS PRA Analysis	December 2012	Chapter 10		
	CN-AP1000-SA-060	3	Revision 3** Absorber Rod Cooling Analysis	May 2011	Chapter 22		
	CN-NFPE-08-26	0	Absorber Temperature Evaluation of Preliminary NG RCCA designs	June 2008	Chapter 22		
	CN-NRFE-09-47	2	AP1000 Gray Rod Absorber Temperature Evaluation for Tungsten Absorber	February 2011	Chapter 22		

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	CN-NRFE-10-29	1	AP1000 Gray Rod Absorber Temperature Evaluation for Tungsten Absorber under Faulted Conditions	January 2011	Chapter 22		
	CN-PRRA-92-319	0	AP600 PRA: Dependent Failures Notebook (Appendix E)	June 1992	Chapter 10		
	CN-REA-01-56	0	Software Change and Validation Package for SECONS Version 1.4	November 2001	Chapter 24		
	CN-REA-02-18	0	Software Change Specification and Software Validation Package for SSP Version 3.5	May 2002	Chapter 24		
	CN-REA-05-58	0	AP1000 ORE Estimates for Refuelling and Rx Head Inspection	October 2005	Chapter 24		
	CN-REA-06-20	0	ORIGEN-S, Version 2.0 Software Change Specification and Validation Package	2006	Chapter 24		
	CN-REA-08-55	0	Validation of MicroShield Version 6.20 on Windows XP Service Pack 2 Platforms	October 2008	Chapter 24		
	CN-REA-08-6	0	Implementation and Validation of a Fully Implicit Solver for the FIPCO Computer Code	2008	Chapter 24		
	CN-REA-09-92	0	Software Change Specifications and Validation for CORA Version 3.0	2010	Chapter 24		

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	CPP-AB01-Z0X-002	3	Design Specification – Penetrations Seal Schedule for Containment, Shield and Auxiliary Buildings	December 2015	Chapter 11		
	CPP-EGS-E8-001	0	Grounding and Lightning Protection System, System Specification Document	November 2012	Chapter 18		
	CPP-PMS-AR-001	0	China AP1000 Protection and Safety Monitoring System Reliability Analysis	March 2012	Chapter 10		
	DCP/NRC0124, APWR-0452		AP600 Vortex Mitigator Development Test for RCS Mid-loop Operation	July 1994	Chapter 9		
	DCP_DCP_007935	0	AP1000 Hazard Barrier Classification for the United Kingdom GDA Assessment	April 2016	Chapter 11		
	DCP_JNE_000327	0	The Effects of Assembly Bow on Safety Margins	August 2010	Chapter 22		
	DCP_JNE_000373	0	Effect of Crud on Fuel Safety Margins and Associated Regulatory Observation Actions	September 2010	Chapter 22		
	DCP_JNE_000375	0	RIA Fault Safety Margins	September 2010	Chapter 22		UN REG WEC 00364*
	DCP_JNE_000376	0	Demonstration of Protection Against PCI Fuel Failure	September 2010	Chapter 22		UN REG WEC 00365*
	DCP_JNE_000484		Response to Action Items from November 30-December 2 GDA Civil Engineering Meeting	December 2010	Chapter 16		

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	DCP_JNE_000493		Response to Action Items from GDA Civil Engineering Meeting	December 2010	Chapter 16		
	DCP_JNE_000496		Response to Action Items from GDA Civil Engineering Meeting	January 2011	Chapter 16		RI-AP1000-02*
	EHS MS	1	Westinghouse Environmental, Health, and Safety Management System	January 2013	Chapter 3	Chapter 1	
	Enclosure 2 RQ-AP-1000-1558		Resolution Plans for the ISV HED Issues	August 2016	Chapter 13		WEC-REG-01229N
	EPS-GW-GL-700	1	AP1000 European Design Control Document	January 2010		Chapter 1	
	EPS-MP01-M2-001	C	Design Specification for Wet Winding Reactor Coolant Pumps for System:RCS	February 2012	Chapter 20		
	EQ-EV-283	0	Electromagnetic Compatibility Standards Evaluation	April 2016	Chapter 19		WEC-REG-01354N
	EQ-EV-284	1	Equipment Qualification - Comparison of IEC Standard 60780-1998 to IEEE Standard 323-1974	May 2016	Chapter 19		WEC-REG-01366N
	EQ-EV-285	0	Equipment Qualification - Comparison of IEC Standard 60980-1989 to IEEE Standard 344-1987	April 2016	Chapter 19		WEC-REG-01366N
	GW-A1-001	3	AP600 Architectural Design Criteria	November 1997	Chapter 11		

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	GW-GJR-011	0	Review of Nuclear Plant Operating Experience and the Application of the Design of the AP600	July 1994	Chapter 13		
	GW-GL-022	8	AP600 Probabilistic Risk Assessment	September 1998	Chapter 10		
	LTR-AMLRS-11-31	0	White Paper on Spurious Actuation Frequency of the Automatic Depressurization System (ADS) Stage 4 Valves due to Internal Rupture	April 2011	Chapter 10		
	LTR-AP1000-10-359	1	Westinghouse Supplement to EPRI PWR Primary Water Chemistry Guidelines, Rev. 6, for the AP1000TM Standard Plant	January 2011	Chapter 21		RO-AP1000-055 TQ-AP1000-1230*
	LTR-MRCDA-07-201		AP1000 Reactor Vessel Failure Modes and Effects Analysis (FMEA)	October 2007	Chapter 20		
	LTR-NCE-02-25		Software Release Letter for FRMECH, Version 2.0, on the HP-UX 11.0 System State	September 11, 2002	Chapter 20		
	LTR-NRC-12-86		Westinghouse Response to NRC RAIs on WCAP-17524, 'AP1000 Core Reference Report' (Proprietary/Non-Proprietary)	January 2013	Chapter 9		

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	LTR-RAM-I-12-075	0	Expert Panel for Estimating Reference Probabilities for Debris-Induced Failure of Long Term Core Cooling for the AP1000 Plant	January 2013	Chapter 10		WEC-REG-1101N
	LTR-REA-01-141	0	Release of SECONS Version 1.4	December 2001	Chapter 24		
	LTR-REA-03-45	0	Software Release Letter for CORA Version 2.0	April 2003	Chapter 24		
	LTR-REA-03-6	0	Installation Testing of SCAP-II 1.0 on Solaris 2.8	January 2003	Chapter 24		
	LTR-REA-04-46	0	FIPCO User's Manual	April 2004	Chapter 24		
	LTR-REA-05-48	0	Software Release Letter for DOORS 3.2 Code Package	March 2005	Chapter 24		
	LTR-REA-08-126	0	Release of MicroShield Version 6.2 on Windows PC Platform	November 2008	Chapter 24		
	LTR-REA-09-63	0	Software Release Letter for MCNP5.mpi Version 1.40	July 2009	Chapter 24		
	LTR-RIAM-12-44	0	Spurious Actuation of AP-1000 IRWST 8" Squib Valve	May 2012	Chapter 10		
	LTR-SST-06-21		Release of ANSYS 10 for XP, HPUX 11.0 and HPUX 11.23 and ANSYS Error Reports	July 2006	Chapter 20		
	MATBZLAP00	1	Seamless ZIRLO® Tubing	July 2013	Chapter 22		
	MFRD-01-142		Corrosion Crack Susceptibility of Stainless Steel Top Nozzle Castings in PWR Primary Coolant	September 2001	Chapter 22		

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	NPP_JNE_000737 Enclosure 1		Status of Ongoing Human Factors Integration across GDA Issues	March 2016	Chapter 13		WEC-REG-0737N
	NRFE-10-136		AP1000 Longitudinal eRFA Mid Grid Dynamic Crush Strength Final Verification Test Report	August 2010	Chapter 22		
	NRFE-10-149		AP1000 Longitudinal eIFM Grid Dynamic Crush Strength Final Verification Test Report	August 2010	Chapter 22		
	NRFE-10-45		AP1000 Top Nozzle Mechanical Confirmatory Test Report	November 2009	Chapter 22		
	NRFE-10-59	2	AP1000 Fuel Development Design Closeout	July 2011	Chapter 22		
	NRFE-10-9		AP1000 Top Nozzle Holddown Spring Loose Parts Final Confirmatory Test Report	January 2010	Chapter 22		
	NSD-NRC-96-4679		Process Improvement to the Westinghouse Neutronics Code System	March 1996	Chapter 9		
	NTD-NRC-95-4533		Notification to the NRC Regarding Improvements to the Nodal Expansion Method Used in the Westinghouse Advanced Nodal Code (ANC)	August 1995	Chapter 9		
	OG-09-36		White Paper on Consideration of Reactor Vessel Failure in Plant-Specific PRA Models for PWRs	January 2009	Chapter 10		

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	PDPELEAP00	1	Standardized Uranium Dioxide Pellets Specification	March 2016	Chapter 22		
	PDPELI00	57	BURNABLE ABSORBER COATED URANIUM DIOXIDE PELLETS	2016	Chapter 22		
	PPE-11-18		17x17 RFA Overall Leakage Rate	February 2011		Chapter 3	
	PS-PELE04	2	MANUFACTURE of URANIUM DIOXIDE PELLETS	December 2013	Chapter 22		
	QA-2.8	latest revision	Qualification of Audit Personnel		Chapter 3		
	RQ-AP1000-1361, NPP_JNE_000288 Enclosure 1		Integration of HF, PSA, and Fault Studies disciplines	August 2015	Chapter 13		WEC-REG-0288N
	SAE-REA-99-442		SCAP-II User's Manual Sun Version	July 1999	Chapter 24		
	SE/REA-113/94		SCAP-II Version 1	September 1994	Chapter 24		
	UKP-1000-GEC-004	1	AP1000 Barrier Matrix	January 2017	Chapter 11 Chapter 16 Chapter 19		WEC-REG-01549N
	UKP-1000-N4C-001	0	UK AP1000 Nuclear Island Missile Penetration Calculation	April 2016	Chapter 11		WEC-REG-01132N
	UKP-1000-N4C-002	0	UKP AP1000 Assessment of the Potential for Hydrogen Combustion due to Leakage from Hydrogen Injection Lines in the Auxiliary Building	June 2016	Chapter 11		WEC-REG-01063N

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	UKP-1000-N4C-003	0	UKP AP1000 Assessment of the Potential for Hydrogen Combustion due to Leakage from the Hydrogen Injection Line in Containment	June 2016	Chapter 11		WEC-REG-01063N
	UKP-1000-N4C-004	0	UK AP1000 WLS and WGS Hydrogen Assessment	July 2016	Chapter 11		WEC-REG-01331N
	UKP-1000-N4C-005	0	AP1000 Hydrogen Gas Explosion Evaluation using TNO MEM	June 2016	Chapter 11		WEC-REG-01063N
	UKP-1000-N4C-006	0	UKP AP1000 Hydrogen Explosion Evaluation of Battery Rooms with the Annex and Radwaste Buildings	July 2016	Chapter 11		WEC-REG-01197N
	UKP-1000-N4C-007	1	AP1000 Hydrogen Migration Analysis for CVS Hydrogen Line Break in Selected Rooms of the Auxiliary Building and Containment Building	January 2017	Chapter 11		WEC-REG-01549N
	UKP-1000-N4C-008	0	Unmitigated Explosion Hazard Analysis for AP1000 Division B Battery Room 1 (Room 12104)	January 2017	Chapter 11		WEC-REG-01549N
	UKP-DAS-GLR-001	2	Basis of Safety Case for the Diverse Actuation System	December 2016	Chapter 2 Chapter 19		WEC-REG-01464N
	UKP-DDS-GLR-001	1	United Kingdom AP1000 Data Display and Processing System (DDS) Basis of Safety Case	December 2016	Chapter 2 Chapter 19		WEC-REG-01506N
	UKP-FHS-M3R-001	A	Report on Limiting Conditions for Manual Fuel Movement and ALARP Assessment	March 2016	Chapter 9		WEC-REG-0749N

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	UKP-FHS-SOC-001	0	UK AP1000 Fuel Assembly Drop Accident Report	July 2016	Chapter 11		WEC-REG-01138N
	UKP-GW-AF-001	1	AP1000 Fire Protection Dampers – UK Compliance Report	August 2016	Chapter 11		WEC-REG-1189N
	UKP-GW-AF-101	0	AP1000 Plant Fire Resistance Rating Report for Nuclear Island Reinforced Concrete Structures	March 2016	Chapter 11		WEC-REG-0809N
	UKP-GW-GAH-001	6	Project Quality Plan for the UK AP1000 Generic Design Assessment (GDA) Issue Resolution	October 2016	Chapter 2 Chapter 3	Chapter 1	
	UKP-GW-GAP-012	2	Receipt and Processing of Technical Queries (TQs) from the UK Regulators	March 2011	Chapter 3		
	UKP-GW-GAP-012	5	Receipt and Processing of Regulatory Queries (RQs) from the UK Regulators	September 2016	Chapter 3		
	UKP-GW-GAP-016	2	The Procedure for the Creation, Handling and Processing of Protectively Marked Documents	January 2011	Chapter 3		
	UKP-GW-GAP-018	0	The Receipt and Processing of Regulatory Observations (ROs) and Regulatory Observation Actions (ROAs) from the UK Regulator	March 2010	Chapter 3		
	UKP-GW-GGR-201	1	UK AP1000 Plant Post-Fukushima Assessment	July 2016	Chapter 12 Chapter 13 Chapter 18		WEC-REG-1100N

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	UKP-GW-GL-003	0	Solid Waste Activity Calculation from AP1000	April 2010	Chapter 26	Chapter 3	UN REG WEC 000192*
	UKP-GW-GL-004	1	Process Mass Balance for AP1000 Solid Waste	March 2011	Chapter 24 Chapter 26	Chapter 3	UN REG WEC 000538*
	UKP-GW-GL-012	0	Generic Design Assessment: Summary of Disposability Assessment for Wastes and Spent Fuel Arising from Operation of the Westinghouse Advanced Passive Pressurised Water Reactor (AP1000)	October 2009	Chapter 27	Chapter 3	UN REG WEC 00105*
	UKP-GW-GL-017	1	UK AP1000 Radwaste Building Plant Layout	March 2011	Chapter 26		UN REG WEC 000538*
	UKP-GW-GL-018	0	UK AP1000 Radwaste Treatment Plant Site Layout	July 2009	Chapter 26		
	UKP-GW-GL-022	0	UK AP1000 Probabilistic Risk Assessment	May 2007	Chapter 1		DCP_JNE_000001*
	UKP-GW-GL-022	1	AP1000 Probabilistic Risk Assessment	June 2016	Chapter 20		TQ-AP1000-0476*
	UKP-GW-GL-025	1	Generic Site Report	January 2010	Chapter 4	Chapter 5	
	UKP-GW-GL-026	2	AP1000 Nuclear Power Plant BAT Assessment	March 2011	Chapter 24 Chapter 26	Chapter 2 Chapter 3	UN REG WEC 000538*
	UKP-GW-GL-027	2	UK AP1000 Radioactive Waste Arising, Management and Disposal	March 2011	Chapter 3 Chapter 6 Chapter 24 Chapter 26 Chapter 27	Chapter 3	UN REG WEC 000538*

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	UKP-GW-GL-028	2	Proposed Annual Limits for Radioactive Discharges	March 2011	Chapter 26	Chapter 6	UN REG WEC 000538*
	UKP-GW-GL-029	0	AP1000 Generic Design Measurement and Assessment of Discharges	February 2009	Chapter 26	Chapter 6	
	UKP-GW-GL-033	2	Assessment of Radioactive Discharges on Non-Human Species	March 2011		Chapter 3 Chapter 5	UN REG WEC 000538*
	UKP-GW-GL-034	1	Generic Assessment of the Impacts of Cooling Options for the Candidate Nuclear Power Plant AP1000	February 2010	Chapter 4	Chapter 2 Chapter 4 Chapter 7	
	UKP-GW-GL-036	3	Applicability of the Environmental Permitting (England and Wales) Regulations 2010 to AP1000	December 2016		Chapter 4	WEC-REG-01501N
	UKP-GW-GL-037	2	Applicability of COMAH Regulations	December 2016	Chapter 11		WEC-REG-01501N
	UKP-GW-GL-037	3	Applicability of COMAH Regulations	March 2017		Chapter 2	WEC-REG-01598N
	UKP-GW-GL-039	0	Radwaste Treatment Options Study Report	June 2009	Chapter 26	Chapter 3	TQ-AP1000-0091*
	UKP-GW-GL-040	0	Pyros Code of Practice Conditions for Acceptance of Radioactive Waste	June 2009	Chapter 26		TQ-AP1000-0093*
	UKP-GW-GL-041	0	Pyros Request for Letter of Intent	June 2009	Chapter 26		TQ-AP1000-0093*

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	UKP-GW-GL-042	1	AP1000 Human Factors Program and Assessment for the United Kingdom	February 2010	Chapter 13		UN REG WEC 000150*
	UKP-GW-GL-044	1	AP1000 UK Safety Categorisation and Classification Methodology	April 2010	Chapter 2 Chapter 5 Chapter 7 Chapter 11 Chapter 19		WEC-REG-0263R
	UKP-GW-GL-045	2	AP1000 Equivalence/Maturity Study of the U.S. Codes and Standards	September 2011	Chapter 2 Chapter 3 Chapter 5 Chapter 7 Chapter 11 Chapter 16 Chapter 23		WEC-REG-0535N
	UKP-GW-GL-052	1	UK AP1000 Radwaste Process Hazard Study 1 Report (HAZOP)	February 2010	Chapter 26	Chapter 3	UN REG WEC 000145*
	UKP-GW-GL-053	1	UK AP1000 Radwaste Preliminary Safety Statement	February 2010	Chapter 6 Chapter 26	Chapter 3	
	UKP-GW-GL-054	1	UK AP1000 Integrated Waste Strategy	March 2011	Chapter 3 Chapter 6 Chapter 26 Chapter 27	Chapter 1 Chapter 3	UN REG WEC 000538*
	UKP-GW-GL-055	2	UK AP1000 Radioactive Waste Management Case Evidence Report for Intermediate Level Waste	March 2011	Chapter 3 Chapter 26 Chapter 27	Chapter 1	UN REG WEC 000538*

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	UKP-GW-GL-056	2	UK AP1000 Radioactive Waste Management Case Evidence Report for High Level Waste	March 2011	Chapter 26 Chapter 27	Chapter 1	UN REG WEC 000538*
	UKP-GW-GL-057	0	UK AP1000 NDA Data Sheet Submission	February 2010	Chapter 26	Chapter 3	UN REG WEC 000146*
	UKP-GW-GL-058	0	UK AP1000 D1 Form Submission	March 2010	Chapter 26	Chapter 3	UN REG WEC 000183*
	UKP-GW-GL-059	3	UK AP1000 Electrical Systems Codes and Standards Analysis	April 2011	Chapter 5 Chapter 18		
	UKP-GW-GL-060	10	AP1000 Design Reference Point for UK GDA	January 2017	Chapter 1 Chapter 2 Chapter 3 Chapter 6 Chapter 8 Chapter 9 Chapter 11 Chapter 12 Chapter 13 Chapter 28	Chapter 1	WEC-REG-01552N
	UKP-GW-GL-062	1	UK AP1000 Electromagnetic Compatibility – Management Philosophy Document	April 2011	Chapter 11 Chapter 18		UN REG WEC 238*
	UKP-GW-GL-065	5	UK AP1000 Plant Electrical Equipment Maintenance and Surveillance	July 2016	Chapter 18		WEC-REG-1115N
	UKP-GW-GL-066	0	RO-AP1000-057 Response: Reactor Chemistry – Reduction in Primary-Circuit Radioactivity SFAIRP	September 2010	Chapter 21		WEC70172R*

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	UKP-GW-GL-067	1	AP1000 Assessment of Diverse Mitigation of Frequent Faults for the UK	December 2011	Chapter 8 Chapter 9 Chapter 18		WEC-REG-0256R
	UKP-GW-GL-069	0	Supplemental Information for the UK AP1000 Human Factors Safety Case as Reflecting the UK AP1000 PSA Update	November 2010	Chapter 13		UN REG WEC 00418*
	UKP-GW-GL-070	0	UK AP1000 Human Factors Safety Case Reflection of the UK AP1000 Fire/Flood PSA	November 2010	Chapter 13		UN REG WEC 00418*
	UKP-GW-GL-071	0	Supplemental Information for the UK AP1000 Human Factors Safety Case as Reflecting the UK AP1000 Low Power and Shutdown PSA	November 2010	Chapter 13		UN REG WEC 00418*
	UKP-GW-GL-072	0	Supplemental Information for the Human Factors Safety Case – Potential Improvements as Proposed in the ALARP Analysis	November 2010	Chapter 13		UN REG WEC 00418*
	UKP-GW-GL-073	0	Supplemental Information for the UK AP1000 Human Factors Safety Case - Identified Non-Core Damage Human Errors with Possible Radioactive Release	November 2010	Chapter 13		UN REG WEC 00418*
	UKP-GW-GL-074	0	Supplemental Information for the UK AP1000 Human Factors Safety Case – AP1000 Maintainability	December 2010	Chapter 13		UN REG WEC 004108*

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	UKP-GW-GL-075	0	Supplemental Information for the UK AP1000 Human Factors Safety Case – Additional UK Fault Schedule Faults	December 2010	Chapter 13		UN REG WEC 00464*
	UKP-GW-GL-077	2	AP1000® Spent Fuel Pool Faults	November 2016	Chapter 9		
	UKP-GW-GL-079	1	AP1000 Assessment of Safe Shutdown for all Design Basis Faults	February 2011	Chapter 9		RO-AP1000-052.A1.1*
	UKP-GW-GL-081	0	AP1000 Spent Fuel Pool Chemistry	January 2011	Chapter 9 Chapter 21		UN REG WEC 494*
	UKP-GW-GL-082	0	AP1000 Severe Accident Phenomenological Roadmap	January 2011	Chapter 10		
	UKP-GW-GL-083	0	AP1000® Flux Protection and Diversity for Frequent Faults	June 2016	Chapter 9		WEC-REG-1072N
	UKP-GW-GL-084	0	UK AP1000 Decontamination Considerations	March 2011	Chapter 26 Chapter 27	Chapter 3	UN REG WEC 000538*
	UKP-GW-GL-085	0	Long Term Storage of AP1000 ILW and Spent Fuel in the UK	March 2011	Chapter 26		UN REG WEC 000538*
	UKP-GW-GL-098	0	AP1000® Plant Accident Source Term Evaluation and Target 8 Compliance	July 2016	Chapter 21		WEC-REG-1107N
	UKP-GW-GL-099	1	AP1000® Plant Primary Sampling System – Safety Evaluation	September 2016	Chapter 21		WEC-REG-1304N
	UKP-GW-GL-100	1	AP1000® Plant Hydrogen Injection System – Safety Evaluation	October 2015	Chapter 21		WEC-REG-0416R

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	UKP-GW-GL-105	1	AP1000 Plant Review of UK Class 2 Pressure Equipment and Storage Tank Structures, Systems and Components (SSCs)	August 2016	Chapter 5 Chapter 20		WEC-REG-01180N
	UKP-GW-GL-106	1	AP1000® Plant Safety Class B and C and Accumulator Design ALARP Assessment	March 2016	Chapter 20		WEC-REG-0792N
	UKP-GW-GL-107	1	AP1000® Plant Assessment of Impact from Reactor Coolant Pump Failure on Steam Generator Column Report	December 2016	Chapter 20		WEC-REG-01498N
	UKP-GW-GL-109	0	Assessment of Fukushima Lessons Learned Reports	June 2016	Chapter 12		WEC-REG-1010N
	UKP-GW-GL-112	0	ALARP Justification Guidance for GDA Close-Out Phase	August 2015	Chapter 13 Chapter 19		WEC-REG-0246N
	UKP-GW-GL-114	0	AP1000 Auxiliary Building Battery Rooms – Hydrogen Assessment	June 2016	Chapter 11		WEC-REG-01063N
	UKP-GW-GL-116	0	AP1000 Supplemental Information for the Human Factors Safety Case – Review of Selected Design Change Proposals included in the 2015 Design Reference Point for GDA	October 2015	Chapter 13		WEC-REG-0379N
	UKP-GW-GL-123	0	Heat Transfer Analysis of SC Walls and Floors in a Three-Hour Standard Fire	March 2016	Chapter 11		WEC-REG-0848N

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	UKP-GW-GL-126	0	United Kingdom AP1000 Human Factors Qualitative Error Analysis	June 2016	Chapter 2 Chapter 13		WEC-REG-1048N
	UKP-GW-GL-144	3	AP1000 UK Safety Categorisation and Classification of Systems, Structures, and Components	January 2017	Chapter 11 Chapter 13 Chapter 15		
	UKP-GW-GL-162	1	UK AP1000 BEACON Core Monitoring System Basis of Safety Case	October 2016	Chapter 2 Chapter 19 Chapter 22		WEC-REG-01356N
	UKP-GW-GL-163	2	United Kingdom AP1000 Electrical Basis of Safety Case	December 2016	Chapter 2 Chapter 18		WEC-REG-01489N
	UKP-GW-GL-200	1	AP1000 Squib Valve Safety Case	December 2016	Chapter 11 Chapter 13 Chapter 17		WEC-REG-01440N
	UKP-GW-GL-500	0	AP1000 UK Limits and Condition Process Description	December 2015	Chapter 2 Chapter 5 Chapter 10 Chapter 11 Chapter 14 Chapter 19 Chapter 23		WEC-REG-0538R
	UKP-GW-GL-501	0	AP1000 UK Generic Technical Specifications	January 2016	Chapter 2 Chapter 5 Chapter 6 Chapter 14 Chapter 20 Chapter 21		WEC-REG-0626R

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	UKP-GW-GL-502	0	Recommendation for Development of the AP1000 Technical Requirements Manual	February 2016	Chapter 5 Chapter 18		WEC-REG-0660R
	UKP-GW-GL-710	0	UK Compliance Document for AP1000 Design	August 2007	Chapter 1		DCP_JNE_000038*
	UKP-GW-GL-732	1	Pre-Construction Safety Report	October 2009	Chapter 1		
	UKP-GW-GL-732	2	Pre-Construction Safety Report	December 2009	Chapter 1		UN REG WEC 000125*
	UKP-GW-GL-737	2	Plant Life Cycle Safety Report	March 2011	Chapter 1 Chapter 2 Chapter 3 Chapter 7 Chapter 27 Chapter 28	Chapter 1	UN REG WEC 000539*
	UKP-GW-GL-743	1	AP1000 PRA Spent Fuel Evaluation	January 2010	Chapter 9 Chapter 10		
	UKP-GW-GL-790	1	UK AP1000 Environment Report	December 2008		Chapter 1	
	UKP-GW-GL-790	6	UK AP1000 Environment Report	January 2017	Chapter 1 Chapter 2 Chapter 3 Chapter 4 Chapter 6 Chapter 7 Chapter 24 Chapter 25 Chapter 26 Chapter 27		WEC-REG-01554N

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	UKP-GW-GL-793	1	AP1000 Pre-Construction Safety Report	January 2017		Chapter 1 Chapter 2 Chapter 7	WEC-REG-01552N
	UKP-GW-GL-795	0	UK AP1000 NPP Decommissioning Plan	March 2011	Chapter 7 Chapter 27	Chapter 1 Chapter 3	UN REG WEC 000538*
	UKP-GW-GL-797	1	AP1000 ALARP Assessment of Diverse Mitigation of 'Frequent Fault' Small Break LOCAs	July 2016	Chapter 9		
	UKP-GW-GL-799	2	AP1000® Plant ALARP Assessment of Structural Impact from Fuel Handling Area Pools Leakage	August 2016	Chapter 16	Chapter 2	WEC-REG-01177N
	UKP-GW-GLR-003	2	AP1000 Fault Schedule for the United Kingdom	January 2017	Chapter 8 Chapter 13		
	UKP-GW-GLR-004	3	AP1000 UK Structural Integrity Classification	January 2017	Chapter 2 Chapter 11 Chapter 20		WEC-REG-01540N
	UKP-GW-GLR-016	B	Evaluation of ATWS Events for UK AP1000™ Pressurized Water Reactor	October 2010	Chapter 9		
	UKP-GW-GLR-017	4	United Kingdom AP1000 Smart Device Justification Plan	December 2016	Chapter 5 Chapter 18		WEC-REG-01496N
	UKP-GW-GLR-018	0	Westinghouse Response to RI-AP1000-02 and RO-AP1000-079	October 2010	Chapter 16		

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	UKP-GW-GLR-023	2	United Kingdom AP1000 Diversity Analysis of the Protection and Safety Monitoring System (PMS) and the Diverse Actuation System (DAS)	December 2016	Chapter 19		WEC-REG-01503N
	UKP-GW-GLR-024	2	United Kingdom AP1000 Diversity Analysis of the Plant Control System/Data Display and Processing System (PLS/DDS) and Diverse Actuation System (DAS)	December 2016	Chapter 19		WEC-REG-01503N
	UKP-GW-GLR-035	0	UK AP1000® Fuel Tolerability Assessment of Depressurisation of the Primary Circuit	August 2016	Chapter 9 Chapter 20 Chapter 22		WEC-REG-1187N
	UKP-GW-GLR-036	0	UK AP1000 Internal Hazards Topic Report – Combined Hazards	August 2016	Chapter 2 Chapter 11		WEC-REG-01230N
	UKP-GW-GLR-037	0	United Kingdom AP1000 Plant Control and Instrumentation Architecture ALARP Justification	August 2016	Chapter 19		WEC-REG-01184N
	UKP-GW-GLR-038	0	United Kingdom AP1000 Plant C&I Architecture IEC 61513 Safety Life Cycle Conformance Assessment	September 2016	Chapter 19		WEC-REG-01255N
	UKP-GW-GLR-039	0	United Kingdom AP1000 Plant C&I Architecture SAPs Conformance Assessment	September 2016	Chapter 19		WEC-REG-01250N

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	UKP-GW-GLR-102	0	UK AP1000 Probabilistic Risk Assessment Update Report	February 2010	Chapter 13		UN REG WEC 00147*
	UKP-GW-GLR-107	1	UK AP1000 Internal Hazards – Flooding Topic Report	January 2017	Chapter 2 Chapter 11		WEC-REG-01546R
	UKP-GW-GLR-108	1	UK AP1000 Internal Hazards Topic Report – Internal Missiles	January 2017	Chapter 2 Chapter 11 Chapter 20		WEC-REG-01549N
	UKP-GW-GLR-109	1	UK AP1000 Internal Hazards Topic Report – Explosions	January 2017	Chapter 2 Chapter 11		WEC-REG-01549N
	UKP-GW-GLR-110	1	UK AP1000 Internal Hazards Topic Report – Dropped Loads	January 2017	Chapter 2 Chapter 11		WEC-REG-01549N
	UKP-GW-GLR-111	1	UK AP1000 Internal Hazards Topic Report – Fire Protection	January 2017	Chapter 2 Chapter 11		WEC-REG-01546R
	UKP-GW-GLR-114	1	UK AP1000 Internal Hazards Topic Report – Pressure Part Failure	January 2017	Chapter 2 Chapter 11 Chapter 20		WEC-REG-01546R
	UKP-GW-GLR-115	0	AP1000 Identification of Internal Hazards	October 2016	Chapter 11		
	UKP-GW-GLR-116	0	United Kingdom AP1000 Plant C&I Requirements Management	November 2016	Chapter 19		
	UKP-GW-GLR-118	0	UK AP1000: Review of Claims for Internal Fires within Containment	November 2016	Chapter 11		
	UKP-GW-JOY-004	2	AP1000 Smart Device Assessment Process	December 2016	Chapter 5 Chapter 18		WEC-REG-01496N
	UKP-GW-MOR-001	0	Additional Fracture Toughness Testing for the UK AP1000 Plant	January 2017	Chapter 20		

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	UKP-GW-M3C-002	0	AP1000 Chemical Explosion Evaluation	July 2016	Chapter 11		WEC-REG-01197N
	UKP-GW-N4C-001	0	UK AP1000 Turbine Missile Assessment	June 2016	Chapter 11		WEC-REG-01132N
	UKP-GW-N4R-001	0	UKP AP1000 Combined Hazards Assessment Approach Preliminary Design Review	September 2016	Chapter 11		
	UKP-MB01-ZOC-004	1	Flaw Evaluation of the UK AP1000 Steam Generator Welds	April 2016	Chapter 20		WEC-REG-0877N
	UKP-MV01-ZOC-081	0	AP1000 Reactor Vessel Head Drop Evaluation	March 2016	Chapter 11		WEC-REG-01265N
	UKP-MV01-ZOC-100	2	Flaw Evaluation of the UK AP1000 Reactor Pressure Vessel Welds	March 2016	Chapter 20		WEC-REG-0765N
	UKP-MV01-ZOR-100	3	Results of Weld Ranking Process for Reactor Vessel, Steam Generator, Pressurizer, Main Steam Line and Main Coolant Loop Piping	December 2015	Chapter 20		WEC-REG-1225N
	UKP-MV01-ZOR-101	2	Methodology and Input Data for the Application of the R6 Flaw Evaluation Procedure and Fatigue Crack Growth Analysis to the UK AP1000 Components	December 2016	Chapter 20		WEC-REG-01485N
	UKP-MV20-ZOC-100	1	Flaw Evaluation of the UK AP1000 Pressurizer Welds	December 2015	Chapter 20		WEC-REG-0563N

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	UKP-MV20-Z0C-103	0	Flaw Evaluation of the UK AP1000 Pressurizer Surge Nozzle to Safe-End Wel	February 2016	Chapter 20		WEC-REG-0728N
	UKP-MV50-S2C-036	0	AP1000 Containment Vessel Flaw Tolerance Evaluation	October 2016	Chapter 20		WEC-REG-01358N
	UKP-OCS-GLR-001	1	United Kingdom AP1000 RSR Control Strategy for Class 1 Displays and Controls - SAPs Compliance	December 2016	Chapter 19		WEC-REG-01465N
	UKP-OCS-GLR-002	1	United Kingdom AP1000 RSR Control Strategy for Class 1 Displays and Controls - ALARP Justification	December 2016	Chapter 13 Chapter 19		WEC-REG-01442N
	UKP-PLS-GLR-001	1	United Kingdom AP1000 Plant Control System (PLS) Basis of Safety Case	December 2016	Chapter 2 Chapter 19		WEC-REG-01506N
	UKP-PMS-GLR-001	2	United Kingdom AP1000 Protection and Safety Monitoring System Safety Case Basis	December 2016	Chapter 2 Chapter 19		WEC-REG-01507N
	UKP-PMS-GLR-002	2	United Kingdom AP1000 Component Interface Module Safety Case Basis	November 2016	Chapter 19		WEC-REG-01426N
	UKP-PMS-GLR-003	1	PMS Spurious Blocker Safety Case Basis	December 2016	Chapter 19		WEC-REG-01483N
	UKP-PRA-GSC-001	A	Update of the Loss of CCS/SWS Frequency for the UK AP1000™ Plant	November 2010	Chapter 10		

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	UKP-PRA-GSC-002	A	Spent Fuel Pool Boiling Frequency for the UK AP1000™ Plant	January 2011	Chapter 9 Chapter 10		UN REG WEC 496*
	UKP-PXS-GLR-001	0	Condensate Return Analysis Summary Report	August 2016	Chapter 9		
	UKP-SFS-M3C-012	B	AP1000 Additional Investigation of Spent Fuel Pool Heatup, Boiloff and Emergency Makeup on Loss of Cooling to Support UK GDA Safety Case	September 2016	Chapter 9		
	UKP-SSAR-F5-001	0	AP1000 Safety Analysis Checklist (SAC) & Future Limits	July 2016	Chapter 9 Chapter 22		WEC-REG-1097N
	UKP-SSAR-GLR-001	0	UK Fault Studies Analysis Basis	August 2016	Chapter 9		WEC-REG-01204N
	UKP-SSAR-GLR-002	0	UK AP1000® Plant: Summary Report Supporting the Closure of Fault Studies Issue 03	May 2016	Chapter 9		WEC-REG-0936N
	UKP-SSAR-GSC-005	0	AP1000 – Examination of the Impact of Multiple Steam Generator Tube Ruptures	February 2011	Chapter 9		WEC-REG-0326N
	W2-1.3-101	latest revision	Management System Document Administration		Chapter 3		
	W2-2.5-100	latest revision	Competence, Awareness, and Training		Chapter 3		
	W2-4.2-101	latest revision	Internal Quality Assurance Audits		Chapter 3		

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	W2-4.3-100	latest revision	Management Review		Chapter 3		
	W2-5.1-101	latest revision	Corrective Action Program Procedure		Chapter 3		
	W2-5.1-103	latest revision	Root Cause Analysis		Chapter 3		
	W2-5.1-104	latest revision	Apparent Cause Analysis		Chapter 3		
	W2-5.1-107	latest revision	Corrective Action Review Board		Chapter 3		
	W2-5.1-301	latest revision	Self-Assessments		Chapter 3		
	W2-6.2-100	latest revision	Quality Assurance Records		Chapter 3		
	W2-8.1-101	latest revision	Design and Development		Chapter 3		
	W2-8.2-102	latest revision	Safety Classification		Chapter 3		

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	W2-8.2-198	latest revision	Field Service – Equipment and Process Functional Specifications		Chapter 3		
	W2-8.2-199	latest revision	Design Specifications		Chapter 3		
	W2-8.3-101	latest revision	Design Analysis		Chapter 3		
	W2-8.3-104	latest revision	Safety Analysis Reports		Chapter 3		
	W2-8.4-101	latest revision	Design Review		Chapter 3		
	W2-9.4-101	latest revision	Control of Purchased Items and Services		Chapter 3		
	W2-9.4-102	latest revision	Deviation Notices		Chapter 3		
	W2-9.5-103	latest revision	Resident QA Oversight at Asian Supplier and Construction/Customer Sites		Chapter 3		
	W2-9.5-104	latest revision	Supplier Oversight		Chapter 3		
	WCAP 16045-P-A Addendum 1-A		Qualification of the NEXUS Nuclear Data Methodology	August 2007	Chapter 22		

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	WCAP-10054-P-A (Proprietary) WCAP-10081-A (Non-Proprietary)		Westinghouse Small Break ECCS Evaluation Model Using the NOTRUMP Code	August 1985	Chapter 9		
	WCAP-10079-P-A (Proprietary) WCAP-10080-A (Non-Proprietary)	0	NOTRUMP A Nodal Transient Small Break and General Network Code	August 1985	Chapter 9		
	WCAP-10125-P-A WCAP-10126-NP-A		Extended Burnup Evaluation of Westinghouse Fuel	December 1985	Chapter 26		
	WCAP-10125-P-A WCAP-10126-NP-A		Extended Burnup Evaluation of Westinghouse Fuel	December 1985	Chapter 22		
	WCAP-10217-A-R1A		Relaxation of Constant Axial Offset Control, FQ Surveillance Technical Specification	February 1994	Chapter 22		
	WCAP-10325-P-A (Proprietary) WCAP-10326-A (Non-Proprietary)		Westinghouse LOCA Mass and Energy Release Model for Containment Design March 1979 Version	May 1983	Chapter 9		
	WCAP-10377-A		Westinghouse Wet Annular Burnable Absorber Evaluation Report	October 1983	Chapter 22		
	WCAP-10445-NP-A		Reference Core Report VANTAGE 5 Fuel Assembly	September 1985	Chapter 22		
	WCAP-10698-P-A (Proprietary) WCAP-10750-A (Non-Proprietary)		SGTR Analysis Methodology to Determine the Margin to Steam Generator Overfill	August 1987	Chapter 9		

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	WCAP-10965-P-A (Proprietary) WCAP-10966-A (Non-Proprietary)		ANC: A Westinghouse Advanced Nodal Computer Code	September 1986	Chapter 9		
	WCAP-10965-P-A, Addendum 1 (Proprietary) WCAP-10966-A Addendum 1 (Non-Proprietary)		ANC: A Westinghouse Advanced Nodal Computer Code; Enhancements to ANC Rod Power Recovery	April 1989	Chapter 9		
	WCAP-10965-P-A, Addendum 2-A (Proprietary)	0	Qualification of the New Pin Power Recovery Methodology	September 2010	Chapter 9 Chapter 22		
	WCAP-10966-A		ANC: A Westinghouse Advanced Nodal Computer Code	September 1986	Chapter 22		
	WCAP-11397-P-A (Proprietary) WCAP-11397-A (Non-Proprietary)		Revised Thermal Design Procedure	April 1989	Chapter 9 Chapter 22		WEC-REG-0907N
	WCAP-11596-P-A (Proprietary) WCAP-11597-A (Non-Proprietary)		Qualification of the PHOENIX-P/ANC Nuclear Design System for Pressurized Water Reactor Cores	June 1988	Chapter 9		
	WCAP-11597-A		Qualification of the PHOENIX/ANC Nuclear Design System for Pressurised Water Reactor Cores	June 1988	Chapter 22		

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	WCAP-12473-A		BEACON - Core Monitoring and Operations System	August 1994; Addendum 1, May 1996; Addendum 2, March 2001; Addendum 4, September 2012	Chapter 22		
	WCAP-12488-A and WCAP-14204-A		Westinghouse Fuel Criteria Evaluation Process	October 1994	Chapter 22		
	WCAP-12610-P-A		VANTAGE+ Fuel Assembly Reference Core Report	April 1995	Chapter 21		
	WCAP-12610-P-A, Addendum 2-A, WCAP- 1432-A & CENPD-404-NP- A, Addendum 2-A		Westinghouse Clad Corrosion Model for ZIRLO and Optimized ZIRLO	October 2013	Chapter 22		
	WCAP-12945-P-A (Proprietary) (Volume 1 - Revision 2; Volumes 2 through 5 - Revision 1) WCAP-14747 (Non- Proprietary)		Code Qualification Document for Best Estimate LOCA Analysis	1998	Chapter 9		
	WCAP-13589-A		Assessment of Clad Flattening and Densification Power Spike Factor Elimination in Westinghouse Nuclear Fuel	March 1993	Chapter 22		

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	WCAP-14040-NP-A	2	Methodology Used to Develop Cold Overpressure Mitigating System Setpoints and RCS Heatup and Cooldown Limit Curves	January 1996	Chapter 20		
	WCAP-14171 (Proprietary) WCAP-14172 (Non-Proprietary)	2	WCOBRA/TRAC Applicability to AP600 Large-Break Loss-of-Coolant Accident	March 1998	Chapter 9		
	WCAP-14234 (Proprietary) WCAP-14235 (Non-Proprietary)	1	LOFTRAN & LOFTTR2 AP600 Code Applicability Document	August 1997	Chapter 9		
	WCAP-14342-A		VANTAGE+ Fuel Assembly Reference Core Report	April 1995 Addendum 1, February 2003	Chapter 22		
	WCAP-14449-P-A (Proprietary) WCAP-14450-NP-A (Non-Proprietary)	1	Application of Best Estimate Large Break LOCA Methodology to Westinghouse PWRs with Upper Plenum Injection	October 1999	Chapter 9		
	WCAP-14565-P-A (Proprietary) WCAP-15306-NP-A (Non-Proprietary)	0	VIPRE-01 Modeling and Qualification for Pressurized Water Reactor Non-LOCA Thermal-Hydraulic Safety Analysis	October 1999	Chapter 9		TQ-AP1000-0162*
	WCAP-14565-P-A Addendum 1-A		Addendum 1 to WCAP-14565-P-A Qualification of ABB Critical Heat Flux Correlations with VIPRE-01 Code	August 2004	Chapter 22		WEC-REG-0807N

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	WCAP-14565-P-A Addendum 2-A		Addendum 2 to WCAP-14565-P-A Extended Application of ABB-NV Correlation and Modified ABB-NV Correlation WLOP for PWR Low Pressure Applications	April 2008	Chapter 22		WEC-REG-0807N
	WCAP-14601 (Proprietary) WCAP-15062 (Non- Proprietary)	2	AP600 Accident Analyses - Evaluation Models	May 1998	Chapter 9		
	WCAP-14807 (Proprietary) WCAP-14808 (Non- Proprietary)	5 2	NOTRUMP Final Validation Report for AP600	August 1998	Chapter 9		TQ-AP1000-0504*
	WCAP-15026-NP-A		Modified WRB-2 Correlation, WRB-2M, for Predicting Critical Heat Flux in 17x17 Rod Bundles with Modified LPD Mixing Vane Grids	April 1999	Chapter 22		
	WCAP-15063-P	1	Westinghouse Improved Performance Analysis and Design Model (PAD 4.0)	November 1999	Chapter 21		
	WCAP-15064-NP-A		Westinghouse Improved Performance Analysis and Design Model (PAD 4.0)	July 2000	Chapter 22		
	WCAP-15306-NP-A		VIPRE-01 Modeling and Qualification for Pressurised Water Reactor Non-LOCA Thermal-Hydraulic Safety Analysis	October 1999	Chapter 22		WEC-REG-0807N

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	WCAP-15376-P-A	1	Risk-Informed Assessment of the RTS and ESFAS Surveillance Test Intervals and Reactor Trip Breaker Test and Completion Times	March 2003	Chapter 10		
	WCAP-15557		Qualification of the Westinghouse Pressure Vessel Neutron Fluence Evaluation	August 2000	Chapter 20		
	WCAP-15613 (Proprietary) WCAP-15706 (Nonproprietary)	0	AP1000 PIRT and Scaling Assessment Report	March 2001	Chapter 9		TQ-AP1000-0482*
	WCAP-15644-P (Proprietary) WCAP-15644-NP (Nonproprietary)	2	AP1000 Code Applicability Report	March 2004	Chapter 9		
	WCAP-15691	5	Joint Applications Report for Containment Integrated Leak Rate Test Interval Extension	March 2004	Chapter 10		
	WCAP-15775	6	AP1000 I&C Defence-in-Depth and Diversity Report	December 2014	Chapter 6		
	WCAP-15806-P-A (Proprietary) WCAP-15807-NP-A (Non-Proprietary)	0	Westinghouse Control Rod Ejection Accident Analysis Methodology Using Multi-Dimensional Kinetics	November 2003	Chapter 9		
	WCAP-15846 (Proprietary) WCAP-15862 (Non-Proprietary)	5	WGOthic Application to AP600 and AP1000	September 2016	Chapter 9		

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	WCAP-16009-P-A (Proprietary) WCAP-16009-NP-A (Non-Proprietary)	0	Realistic Large-Break LOCA Evaluation Methodology Using the Automated Statistical Treatment Of Uncertainty Method (ASTRUM)	January 2005	Chapter 9		TQ-AP1000-0502*
	WCAP-16045-P-A (Proprietary) WCAP-16045-NP-A (Non-Proprietary)	0	Qualification of the Two-Dimensional Transport Code PARAGON	August 2004	Chapter 9 Chapter 22		
	WCAP-16045-P-A, Addendum 1-A (Proprietary) WCAP-16045-NP-A, Addendum 1-A (Non-Proprietary)	0	Qualification of the NEXUS Nuclear Data Methodology	August 2007	Chapter 9		
	WCAP-16096-P-A	4	Software Program Manual for Common Q Systems	August 2013	Chapter 19		WEC-REG-0808N
	WCAP-16248-P	0	User's Manual for the CENTS Code (Volume 1)	April 2004	Chapter 10		
	WCAP-16438-P	6	FMEA of AP1000 Protection and Safety Monitoring System	April 2014	Chapter 19		TQ-AP1000-0798*
	WCAP-16672-P	1	Common Cause Failure Parameter Estimates for the PWROG	June 2008	Chapter 10		
	WCAP-16675-P WCAP-16675-NP	7	AP1000 Protection and Safety Monitoring System Architecture Technical Report	August 2015	Chapter 6		
	WCAP-16779-NP	1	Overpressure Protection Report for AP1000 Nuclear Power Plant	August 2010	Chapter 9 Chapter 17		

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	WCAP-16872-NP	0	Pilot Implementation of EPRI Guidance for Fault Tree Modelling of Support System Initiating Events	March 2008	Chapter 10		
	WCAP-16914-P (APP-MY03-T2C-003)	6	Evaluation of Debris Loading Head Loss Tests for AP1000 Recirculation Screens and In-Containment Refuelling Water Storage Tank Screens	April 2015	Chapter 17		WEC-REG-01321N
	WCAP-16943-P-A and WCAP-16943-NP-A		Enhanced GRCA Rodlet Design	September 2012	Chapter 22		WEC-REG-0807N
	WCAP-17154-P	0	ISLOCA Risk Model	April 2010	Chapter 10		
	WCAP-17642-P	0	Westinghouse Performance Analysis and Design Model (PAD5)	October 2013	Chapter 22		WEC-REG-0035R
	WCAP-2048		The Doppler Effect for a Non-Uniform Temperature Distribution in Reactor Fuel Elements	July 1962	Chapter 22		
	WCAP-3017-6094		Yankee Core Evaluation Program Final Report	January 1971	Chapter 22		
	WCAP-3385-36		Saxton Plutonium Project – Quarterly Progress Report for the Period Ending June 20, 1973	July 1973	Chapter 22		
	WCAP-3385-37		Saxton Plutonium Project – Quarterly Progress Report for the Period Ending September 30, 1973	December 1973	Chapter 22		

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	WCAP-3385-56 Part I		Saxton Core II - Fuel Performance Evaluation Part I: Materials	September 1971	Chapter 22		
	WCAP-3385-56 Part II		Saxton Core II Fuel Performance Evaluation Part II: Evaluation of Mass Spectrometric and Radiochemical Analyses of Irradiated Saxton Plutonium Fuel	July 1970	Chapter 22		
	WCAP-3680-20		Xenon-Induced Spatial Instabilities in Large Pressurised Water Reactors	March 1968	Chapter 22		
	WCAP-3680-21		Control Procedures for Xenon-Induced X-Y Instabilities in Large Pressurised Water Reactors	February 1969	Chapter 22		
	WCAP-3680-22 (EURAE-2116)		Xenon-Induced Spatial Instabilities in Three Dimensions	September 1969	Chapter 22		
	WCAP-3696-8		Pressurised Water Reactor pH – Reactivity Effect Final Report	October 1968	Chapter 22		
	WCAP-6065		Melting Point of Irradiated UO ₂	February 1965	Chapter 22		
	WCAP-6069		Burnup Physics of Heterogeneous Reactor Lattices	June 1965	Chapter 22		
	WCAP-6073		LASER – A Depletion Program for Lattice Calculations Based on MUFT and THERMOS	April 1966	Chapter 22		
	WCAP-7308-L-P-A		Evaluation of Nuclear Hot Channel Factor Uncertainties	June 1988	Chapter 22		

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WCAP-7769	1	letter NS-CE-622, C. Eicheldinger (Westinghouse) to D. B. Vassallo (NRC), additional information on WCAP-7769, Revision 1, April 16, 1975)	April 1975	Chapter 9		
WCAP-7769 (Proprietary)	1	Topical Report Overpressure Protection for Westinghouse Pressurized Water Reactors," June 1972. (Also letter NS-CE-622, C. Eicheldinger (Westinghouse) to D. B. Vassallo (NRC), additional information on WCAP-7769, Revision 1, April 16, 1975)	June 1972	Chapter 9		
WCAP-7803		Behavior of Austenitic Stainless Steel in Post Hypothetical Loss of Coolant Environment	December 1971	Chapter 21		
WCAP-7806		Nuclear Design of Westinghouse Pressurized Water Reactors with Burnable Poison Rods	December 1971	Chapter 22		
WCAP-7811		Power Distribution Control of Westinghouse Pressurised Water Reactors	December 1971	Chapter 22		
WCAP-7907-P-A (Proprietary) WCAP-7907-A (Non-Proprietary)	0	LOFTRAN Code Description	April 1984	Chapter 9 Chapter 10		

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	WCAP-7908-A (Non-Proprietary)	0	FACTRAN A FORTRAN-IV Code for Thermal Transients in a UO2 Fuel Rod	December 1989	Chapter 9		
	WCAP-7912-A		Power Peaking Factors	January 1975	Chapter 22		WEC-REG-0807N
	WCAP-7941-P-A		Effect of Axial Spacing on Interchannel Thermal Mixing with the R Mixing Vane Grid	January 1975	Chapter 22		
	WCAP-7959-A		Effect of Axial Spacing on Interchannel Thermal Mixing with the R Mixing Vane Grid	January 1975	Chapter 22		
	WCAP-7979-P-A (Proprietary) WCAP-8028-NP-A (Non-Proprietary)	0	TWINKLE – A Multi-Dimensional Neutron Kinetics Computer Code	January 1975	Chapter 9		
	WCAP-8054-P-A and WCAP-8195-A		Applications of the THINC-IV Program to PWR Design	February 1989	Chapter 22		WEC-REG-0807N
	WCAP-8174-P-A		Effect of Local Heat Flux Spikes on DNB in Non-Uniformly Heated Rod Bundles	February 1975	Chapter 22		
	WCAP-8175		Effect of Flow Blockage on DNB	January 1994	Chapter 22		
	WCAP-8183	23	Operational Experiences with Westinghouse Cores	December 1994	Chapter 22		
	WCAP-8219-A		Fuel Densification Experimental Results and Model for Reactor Application	March 1975	Chapter 22		

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	WCAP-8288		Safety Analysis of the 17×17 Fuel Assembly for Combined Seismic and Loss of Coolant Accident	December 1973	Chapter 22		
	WCAP-8296-P-A and WCAP-8297-A		The Effect of 17×17 Fuel Assembly Geometry on DNB	February 1975	Chapter 22		
	WCAP-8301 (Proprietary)		LOCTA-IV Program: Loss-of-Coolant Transient Analysis	June 1974	Chapter 9		
	WCAP-8330		Westinghouse Anticipated Transients Without Reactor Trip Analysis	August 1974	Chapter 22		
	WCAP-8359		Effects of Fuel Densification Power Spikes on Clad Thermal Transients	July 1974	Chapter 22		
	WCAP-8385 and WCAP-8403		Power Distribution Control and Load Following Procedures	September 1974	Chapter 22		
	WCAP-8424-R1 (Non-Proprietary)	1	An Evaluation of Loss of Flow Accidents Caused by Power System Frequency Transients in Westinghouse PWRs	May 1975	Chapter 9		
	WCAP-8691-R1 and WCAP-8692-R1		Fuel Rod Bow Evaluation	July 1979	Chapter 22		
	WCAP-8745-P-A and WCAP-8746-A		Design Bases for the Thermal Overpower DT and Thermal Overtemperature DT Trip Functions	September 1986	Chapter 22		

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	WCAP-8822 (Proprietary) WCAP-8860 (Non-Proprietary)		Mass and Energy Releases Following a Steam Line Rupture	September 1976	Chapter 9		
	WCAP-8822-P-S1 (Proprietary)		Supplement 1 - Calculations of Steam Superheat in Mass/Energy Releases Following a Steamline Rupture	January 1985	Chapter 9		
	WCAP-8822-S2-P-A (Proprietary)		Supplement 2 - Impact of Steam Superheat in Mass/Energy Releases Following a Steamline Rupture for Dry and Subatmospheric Containment Designs	September 1986	Chapter 9		
	WCAP-8963-P-A WCAP-8964-A		Safety Analysis for the Revised Fuel Rod Internal Pressure Design Basis	November 1976 August 1977	Chapter 22		
	WCAP-8963-P-A, Addendum 1-A, Revision 1-A		Safety Analysis for the Revised Fuel Rod Internal Pressure Design Basis (Departure from Nucleate Boiling Mechanistic Propagation Methodology)	June 2006	Chapter 22		
	WCAP-9179 and WCAP-9224		Properties of Fuel and Core Component Materials	July 1978	Chapter 22		
	WCAP-9217 and WCAP-9218		Results of the Control Rod Worth Program	October 1977	Chapter 22		

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	WCAP-9226-P-A (Proprietary) WCAP-9227-A (Non-Proprietary)	1	Reactor Core Response to Excessive Secondary Steam Releases	February 1998	Chapter 9		
	WCAP-9230 (Proprietary) WCAP-9231 (Non-Proprietary)		Report on the Consequences of a Postulated Main Feedline Rupture	January 1978	Chapter 9		TQ-AP1000-0839*
	WCAP-9272-P-A	0	Westinghouse Reload Safety Evaluation Methodology	July 1985	Chapter 22		TQ-AP1000-0443*
	WCAP-9283		Integrity of the Primary Piping Systems of Westinghouse Nuclear Power Plants During Postulated Seismic Events	March 1978	Chapter 22		
	WCAP-9402-A		Verification, Testing and Analysis of the 17x17 Optimised Fuel Assembly	August 1981	Chapter 22		
	WCAP-9500-A		Reference Core Report 17x17 Optimised Fuel Assembly	May 1982	Chapter 22		
	WDI-LTR-RVH-05-2	1	Replacement Reactor Vessel Head Design Requirements Associated with PSI and ISI Requirements	March 2005	Chapter 20		

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WDI-PJF-2405360-TCR-001	1	Results of the weld ranking process for the AP1000 Reactor Vessel, Steam Generator and Pressurizer – NDT Inspectability,” (in response to GDA Step 4 Regulatory Observation RO-AP1000-19.A3)	June 2010	Chapter 20		RO-AP1000-019.A3*
WDI-PJF-2405360-TCR-002	0	Draft Procedure for the Manufacturing NDT Qualification Process Related to UK-Build AP1000 Plant	October 2010	Chapter 20		RO-AP1000-018.A2*
WDI-PJF-2405360-TCR-003	2	Westinghouse Process for the Development of AP1000 Related Manufacturing NDT Inspection Plans as Part of the GDA Process (UK)	February 2016	Chapter 20		
WDI-TJ-1048	1	Manufacturing NDT Inspection Plan for the Lower Shell to Upper Shell and DVI Nozzle to Shell Welds of the AP1000 RPV in Response to Regulatory Observation Action RO-AP1000-19.A3	December 2010	Chapter 20		WEC-REG-0068R
WDI-TJ-1051	1	Manufacturing NDT Inspection Plan for the RPV Inlet Nozzle to Safe End Weld of the AP1000 RPV in Response to Regulatory Observation Action RO-AP1000-19.A3	December 2010	Chapter 20		WEC-REG-0068R

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	WDI-TJ-1054	1	Manufacturing NDT Inspection Plan for the Surge Nozzle to Safe End Weld of the AP1000 Pressurizer in Response to Regulatory Observation Action RO-AP1000-19.A3	January 2011	Chapter 20		WEC-REG-0068R
	WDI-TJ-1055	1	Manufacturing NDT Inspection Plan for the Upper Head to Upper Shell and Manway to Shell Welds of the AP1000 Pressurizer in Response to Regulatory Observation Action RO-AP1000-19.A3	February 2011	Chapter 20		WEC-REG-0068R
	WEC-REG-0411N		GDA Human Factors Sampling Plan and Substantiation	October 2015	Chapter 13		WEC-REG-0411N
	Westinghouse QMS	7	Westinghouse Electric Company Quality Management System	August 2013	Chapter 3 Chapter 20	Chapter 1	
	WGMS-DD-001	0.0	Westinghouse Global Management System Description Document	January 2016	Chapter 3		
	WNA-AN-00038-WAPP	1	AP1000 Protection and Monitoring System Reliability Analysis Plan	May 2011	Chapter 19		TQ-AP1000-0878*
	WNA-AR-00039-GEN	1	Ovation DCS Platform Reliability	June 2010	Chapter 10		WEC-REG-0748N
	WNA-AR-00177-GEN	1	Reliability Analysis of the Ovation Data Network	June 2011	Chapter 10		WEC-REG-0038R

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	WNA-AR-00211-GEN	2	Protection and Safety Monitoring System MTBF Summary Report	February 2012	Chapter 10		
	WNA-CN-00067-SSP	3	TWICE – Fault Tree Analysis of Reactor Trip System	August 2009	Chapter 10		
	WNA-CN-00118-GEN	0	Chinese, UK, and US Adult Population Anthropometric Data	October 2010	Chapter 13		TQ-AP1000-1004*
	WNA-DB-00103-GEN	0	Standard Design Criteria Document for Data Quality and Redundant Sensor Algorithm Functions	April 2009	Chapter 19		
	WNA-PD-00055-GEN	3	Standard Integrated System Engineering Process	March 2016	Chapter 19		WEC-REG-01424N
	WNA-SQ-00049-GEN	3	Classification of I&C Systems	November 2014	Chapter 19		TQ-AP1000-0725*
TIER 2 DOCUMENTATION: 3RD PARTY DOCUMENTS							
	"Steam Generator Management Program: Pressurized Water Reactor Steam Generator Examination Guidelines," Electric Power Research Institute,.				Chapter 20		
	"2005 Interim Review of the Pressurized Water Reactor Primary Water Chemistry Guidelines," Rev. 5, Electric Power Research Institute, Palo Alto, CA: 2005, EPRI Document Number 1009933.				Chapter 21		
	"Steam Generator Management Program: Pressurized Water Reactor Steam Generator Examination Guidelines," Electric Power Research Institute,.				Chapter 13		
	"A Study of Tornadoes in Britain with Assessments of the General Tornado Risk Potential and Specific Risk Potential at Particular Regional Sites," Health and Safety Executive, Nuclear Directorate, December 1985.				Chapter 12		
	"A White Paper on Nuclear Power," Department for Business, Enterprise & Regulatory Reform, January 2008.					Chapter 1	

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			"AASHTO Specification for Highway Bridges," American Association of State Highway and Transportation Officials, 1989.		Chapter 16		
			"Advanced Light Water Reactor Utilities Requirements Document," Volumes I, II, and III, Rev. 8, Electric Power Research Institute, March 1999.		Chapter 1 Chapter 11 Chapter 13 Chapter 21 Chapter 23		
			"Assessing compliance with the law in individual cases and the use of good practice," Health and Safety Executive, Revised May 2003. http://www.hse.gov.uk/risk/theory/alarp2.htm .		Chapter 13		
			"Authorisation of Discharges of Radioactive Waste to the Environment: Principals for the Assessment of Prospective Public Doses," Environment Agency, Scottish Environmental Protection Agency, Northern Ireland Department of Environment, National Radiological Protection Board and Food Standards Agency, December 2002.			Chapter 5	
			"British & European Tornado Extremes," Tornado and Storm Research Organisation, April 2010.		Chapter 12		
			"Closed Cooling Water Chemistry Guideline" Rev. 1 to TR-107396, "Closed Cooling Water Chemistry Guideline," Electric Power Research Institute, Palo Alto, CA: 2004, EPRI Document Number 1007821.		Chapter 21		
			"Combustion Engineering Standard Safety Analysis Report," CESSAR Docket No. STN-50-470, December 1975.		Chapter 9		
			"Conditions for Acceptance by LLW Repository Limited of Radioactive Waste for Disposal at the Low Level Waste Repository (CFA)", Issue 01/08, Nuclear Decommissioning Authority.		Chapter 26		
			"Consultation on the Strategic Siting Assessment Process and Siting Criteria for New Nuclear Power Stations in the UK," Department for Business Enterprise & Regulatory Reform, July 2008.		Chapter 12		
			"Cooling Water Options for the New Generation of Nuclear Power Stations in the UK," SC070015/SR3, Environment Agency, June 2010.			Chapter 7	

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			“Directive 2006/118/EC of the European Parliament and of the Council of 12 December 2006 on the Protection of Groundwater Against Pollution and Deterioration (Daughter to 2000/60/EC)”, European Commission, 2007.			Chapter 2	
			“Directive 76/464/EEC – Water pollution by discharges of certain dangerous substances,” European Commission, 2006/11/EC.			Chapter 2	
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			“Effect of Steam Generator Replacement on PWR Primary Corrosion Product Transport,” Electric Power Research Institute, Palo Alto, CA: 2002, EPRI Document Number 1003601.		Chapter 21		
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			“European Utility Requirements for LWR Nuclear Power Plants,” Volumes 1 to 4, http://www.europeanutilityrequirements.org/Documentation/EURdocument.aspx		Chapter 13		
			“Experience with Zinc Injection in European PWRs 1003378,” Electric Power Research Institute, 2002.		Chapter 24		
			“Fact Sheet No. 9 – Weather Extremes,” National Meteorological Library and Archive, UK Meteorological Office, September 2007.		Chapter 12		
			“Failure Rate and Event Data for Use within Land Use Planning Risk Assessments,” Health and Safety Executive, May 2010.		Chapter 12		
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			“HI-STORM 100U General Loading Operations at the AP1000 ,” Holtec International.			Chapter 3	
			“HVAC Duct Construction Standards – Metal and Flexible,” Sheet Metal and Air Conditioning Contractors’ National Association, 1985.		Chapter 23		
			“HVAC Duct Leakage Test Manual,” Sheet Metal and Air Conditioning Contractors’ National Association, 1985.		Chapter 23		
			“Hydrazine (Environmental Health Criteria S.),” World Health Organization, Geneva, 1987.			Chapter 5	
			“Improvement Factor Update: Application of Improvement Factor Data to the Analysis of a Secondary System Chemistry Upset at Ginna,” Electric Power Research Institute, Palo Alto, CA and Constellation Energy Group, Inc., Baltimore, MD: 2006, EPRI Document Number 1013640.		Chapter 21		
			“Individual Plant Examination of External Events (IPEEE) for Severe Accident Vulnerabilities – 10 CFR 50.54(f),” Generic Letter 88-20, Supplement 4, June 28, 1991.		Chapter 10		
			“International Tornado Intensity Scale,” Tornado and Storm Research Organisation, April 2010.		Chapter 12		
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			“Materials Reliability Program: Effects of B/Li/pH on PWSCC Growth Rates in Ni-Base Alloys” (MRP-217), Electric Power Research Institute, Palo Alto, CA: 2007, EPRI Document Number 1015008.		Chapter 21		
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			“Materials Reliability Program: Resistance of Alloys 690, 52 and 152 to Primary Water Stress Corrosion Cracking” (MRP-237), Rev. 1., Electric Power Research Institute, Palo Alto, CA: 2008, EPRI Document Number 1018130.		Chapter 21		
			“Materials Reliability Program: Resistance to Primary Water Stress Corrosion Cracking of Alloy 690 in Pressurized Water Reactors (MRP-258),” Electric Power Research Institute, Palo Alto, CA: August 2009, EPRI Document Number 1019086.		Chapter 21		

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			"Policy for the Long Term Management of Solid Low Level Radioactive Waste in the United Kingdom," Department for Environment, Food and Rural Affairs, March 2007.			Chapter 3	
			"Pre-Service Inspection Guidance for New Reactor Pressure Vessel Heads," Letter from L. N. Hartz (Chair, MRP Senior Representatives; Dominion Generation) to MRP Utility Members, MRP 2003-013, dated June 26, 2003.		Chapter 20		
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		Y. Wada, et al, Mitigation Effect of Alkaline Water Chemistry upon Intergranular Stress Corrosion Cracking of Sensitized 304 Stainless Steel," <i>Journal of Nuclear Science and Technology</i> 38(8) (2001), 621–32.		Chapter 21		
		Zuber N., et al., "An Integrated Structure and Scaling Methodology for Severe Accident Technical Issue Resolution: Development of Methodology," <i>Nuclear Engineering and Design</i> , 186, pp. 1-21, 1998.		Chapter 9		
TIER 3 DOCUMENTATION BY AREA						
Civil Engineering						
CE.01 Justification of Novel Form of Structure for the Steel/ Concrete Composite Walls and Floors Known as CA Modules						
APP-1000-T2R-028	0	AP1000 Steel and Concrete Composite (SC) Testing Summary Report	11-Apr-15			WEC-REG-0081N
APP-CA00-SUC-005	0	ANSYS Transient Thermal Analysis of Fire Loading for Generic SC Walls and Floors	25-Jul-16			WEC-REG-01202N
APP-CA00-T2R-001	0	AP1000 CA Module Structural Test Report	11-Apr-15			WEC-REG-0112N
APP-GW-SUP-003	0	AP1000 Plant Structural Module Behavior and Design Summary Report	25-Apr-16			WEC-REG-0905N
DCP_DCP_007329	0	UK GDA Resolution Plans CE-01.5 and CE-02.6 Justification of Connections Summary	28-Sep-15			WEC-REG-0180N
DCP_DCP_007351	0	UK GDA Resolution Plans CE.01 Action 2 and CE.02 Action 3 Out-of-Plane Shear Acceptance Criteria	23-Jul-15			WEC-REG-0185N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	DCP_DCP_007421	0	UK GDA Resolution Plans CE.01 Action 3 and CE.02 Action 4 In-Plane Shear Capacity Combined with Other Loads	13-Aug-15			WEC-REG-0251R
	DCP_DCP_007441	0	UK GDA Resolution Plans CE.01 Action 4 and CE.02 Action 5 Justification of Shear Connection	20-Aug-15			WEC-REG-0294R
	DCP_DCP_007792	0	UK GDA Resolution Plans CE.01 Action 8 and CE.02 Action 9 Long Term Reliability of SC Structures	20-Jan-16			WEC-REG-0604N
	DCP_DCP_007938	0	UK GDA Resolution Plans CE.01 Action 7 and CE.02 Action 8 Justification of SC Structures to Withstand Fire	31-Mar-16			WEC-REG-0843N
	DCP_DCP_007969	0	UK GDA Resolution Plans CE.01 Action 6 and CE.02 Action 7 Justification of the Ability of SC to Withstand Thermal Load Case	8-Apr-16			WEC-REG-0862N
	DCP_DCP_008029	0	UK GDA Resolution Plans CE.02 Action 1 Tie Bar Material and CE.02 Action 2 Tie Bar Demand	9-May-16			WEC-REG-0945N
	UKP-GW-GL-117	0	LONG TERM RELIABILITY OF CA STRUCTURAL MODULES	9-Mar-16			WEC-REG-0770N
	UKP-GW-GL-123	0	Heat Transfer Analysis of SC Walls and Floors in a Three-Hour Standard Fire	31-Mar-16			WEC-REG-0843N
	UKP-GW-GL-131	0	AP1000 Global Analysis for Postulated Fire Loading	19-Dec-16			WEC-REG-01493N

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	UKP-GW-GLR-032	0	Structural Modules Summary Report (GI-AP1000-CE01)	16-Jun-16			WEC-REG-1037N
CE.02 Further Justification of Novel Form of Structure for Steel / Concrete Composite Wall to the Enhanced Shield Building							
	APP-1208-S3C-033	0	SHIELD BUILDING SC WALL STUD AND TIE BAR SPACING	30-Jul-14			WEC-REG-0861N
	APP-1208-T2R-001	0	AP1000 Shield Building Structural Test Report	11-Apr-15			WEC-REG-0112N
	APP-CA00-SUC-005	0	ANSYS Transient Thermal Analysis of Fire Loading for Generic SC Walls and Floors	25-Jul-16			WEC-REG-01202N
	DCP_DCP_002212	0	Assessment of AP1000 Shield Building for Heat Gain due to Solar Radiation	17-Oct-11			WEC-REG-01277N
	DCP_DCP_007329	0	UK GDA Resolution Plans CE-01.5 and CE-02.6 Justification of Connections Summary	28-Sep-15			WEC-REG-0180N
	DCP_DCP_007351	0	UK GDA Resolution Plans CE.01 Action 2 and CE.02 Action 3 Out-of-Plane Shear Acceptance Criteria	23-Jul-15			WEC-REG-0185N
	DCP_DCP_007421	0	UK GDA Resolution Plans CE.01 Action 3 and CE.02 Action 4 In-Plane Shear Capacity Combined with Other Loads	13-Aug-15			WEC-REG-0251R
	DCP_DCP_007441	0	UK GDA Resolution Plans CE.01 Action 4 and CE.02 Action 5 Justification of Shear Connection	20-Aug-15			WEC-REG-0294R

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	DCP_DCP_007792	0	UK GDA Resolution Plans CE.01 Action 8 and CE.02 Action 9 Long Term Reliability of SC Structures	20-Jan-16			WEC-REG-0604N
	DCP_DCP_007938	0	UK GDA Resolution Plans CE.01 Action 7 and CE.02 Action 8 Justification of SC Structures to Withstand Fire	31-Mar-16			WEC-REG-0843N
	DCP_DCP_007969	0	UK GDA Resolution Plans CE.01 Action 6 and CE.02 Action 7 Justification of the Ability of SC to Withstand Thermal Load Case	8-Apr-16			WEC-REG-0862N
	DCP_DCP_008029	0	UK GDA Resolution Plans CE.02 Action 1 Tie Bar Material and CE.02 Action 2 Tie Bar Demand	9-May-16			WEC-REG-0945N
	UKP-GW-GL-117	0	LONG TERM RELIABILITY OF CA STRUCTURAL MODULES	9-Mar-16			WEC-REG-0770N
	UKP-GW-GL-123	0	Heat Transfer Analysis of SC Walls and Floors in a Three-Hour Standard Fire	31-Mar-16			WEC-REG-0843N
	UKP-GW-GL-131	0	AP1000 Global Analysis for Postulated Fire Loading	19-Dec-16			WEC-REG-01493N
	UKP-GW-GLR-033	0	Enhanced Shield Building Summary Report (GI-AP1000-CE02)	1-Jul-16			WEC-REG-1082N
CE.03 AP1000 Material Standards and Material Specifications							
	DCP_DCP_007380	0	UK GDA Resolution Plans CE.03 Action 1 Justification of Steel Materials Summary	29-Jul-15			WEC-REG-0197N

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UKP-GW-GLR-030	0	Material Standards and Specifications Summary Report (GI-AP1000-CE-03)	29-Apr-16			WEC-REG-0929N
WEC-REG-0324R, Enclosure	0	UK GDA Resolution Plans CE 03 Action 2 Justification of Concrete Materials Summary	17-Sep-15			WEC-REG-0324R
CE.04 Fuel Handling Area Secondary Containment Leak Detection and Collection System						
LTR-CCOE-15-35	0	Evaluation of Impact of Boric Acid Leakage on AP1000 Plant Spent Fuel Pool Reinforced Concrete Corrosion and Degradation	14-Jun-15			WEC-REG-0701N
UKP-GW-GL-799	2	AP1000® Plant ALARP Assessment of Structural Impact from Fuel Handling Area Pools Leakage	8-Aug-16			WEC-REG-01177N
Control & Instrumentation						
CI All Areas						
APP-GW-J1-010	11	AP1000 I&C System Requirements Specification	17-Apr-14			WEC-REG-0389N
APP-GW-J4-001	11	AP1000 I&C System Design Specification	15-Apr-14			WEC-REG-0389N
UKP-GW-GLR-116	0	United Kingdom AP1000 Design C&I Requirements Management Overview	17-Nov-16			WEC-REG-01404N
CI.01 and CI.02 DAS – Adequacy of Safety Case & Adequacy of Architecture						
APP-GW-G1-002	4	AP1000 Equipment Qualification Methodology	29-Sep-14			WEC-REG-0328N

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	UKP-DAS-GEH-001	4	United Kingdom AP1000 Diverse Actuation System Safety Lifecycle	7-Dec-16			WEC-REG-01456N
	UKP-DAS-GLR-001	2	United Kingdom AP1000 Basis of Safety Case for the Diverse Actuation System	9-Dec-16			WEC-REG-01464N
	UKP-DAS-GLR-002	1	United Kingdom AP1000 Diverse Actuation System IEC 61508-2 Compliance	15-Dec-16			WEC-REG-01471N
	UKP-DAS-GLR-003	1	United Kingdom AP1000 Diverse Actuation System Reliability Analysis Report	1-Dec-16			WEC-REG-01434N
	UKP-DAS-GLR-004	0	United Kingdom AP1000 Diverse Actuation System Failure Modes, Effects, and Criticality Analysis	20-May-16			WEC-REG-0978N
	UKP-DAS-GLR-005	1	United Kingdom AP1000 Diverse Actuation System Safety Assessment Principle Compliance	8-Dec-16			WEC-REG-01462N
	UKP-DAS-J0-001	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 1	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-002	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 2	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-003	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 3	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-004	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 4	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-005	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 5	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-006	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 6	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-007	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 7	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-008	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 8	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-009	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 9	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-010	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 10	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-011	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 11	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-012	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 12	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-013	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 13	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-014	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 14	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-015	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 15	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-016	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 16	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-017	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 17	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-018	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 18	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-019	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 19	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-020	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 20	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-021	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 21	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-022	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 22	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-023	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 23	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-024	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 24	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-025	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 25	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-026	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 26	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-027	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 27	25-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-028	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 28	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-029	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 29	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-030	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 30	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-031	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 31	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-032	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 32	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-033	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 33	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-034	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 34	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-035	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 35	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-036	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 36	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-037	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 37	24-Feb-16			WEC-REG-0816N

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	UKP-DAS-J0-038	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 38	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-039	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 39	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-040	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 40	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-041	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 41	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-042	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 42	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J0-043	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM ARCHITECTURE DRAWING SHEET 43	24-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-001	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 1	26-Feb-16			WEC-REG-0816N

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	UKP-DAS-J3-002	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 2	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-003	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 3	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-004	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 4	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-005	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 5	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-006	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 6	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-007	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 7	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-008	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 8	26-Feb-16			WEC-REG-0816N

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	UKP-DAS-J3-009	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 9	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-010	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 10	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-011	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 11	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-012	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 12	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-013	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 13	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-014	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 14	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-015	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 15	26-Feb-16			WEC-REG-0816N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	UKP-DAS-J3-016	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 16	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-017	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 17	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-018	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 18	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-019	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 19	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-020	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 20	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-021	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 21	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-022	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 22	26-Feb-16			WEC-REG-0816N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	UKP-DAS-J3-023	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 23	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-024	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 24	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-025	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 25	26-Feb-16			WEC-REG-0816N
	UKP-DAS-J3-026	0	UNITED KINGDOM AP1000 DIVERSE ACTUATION SYSTEM FUNCTIONAL LOGIC DIAGRAM SHEET 26	26-Feb-16			WEC-REG-0816N
	UKP-DAS-GL-003	0	United Kingdom AP1000 Diverse Actuation System Reliability Analysis Plan	17-May-16			WEC-REG-01156N
CI.03 Diversity of PLS, PMS (including CIM) and DAS							
	UKP-GW-GL-111	0	Strategy for the Diversity Analysis of the Diverse Actuation System	19-Nov-15			WEC-REG-0476N
	UKP-GW-GLR-023	2	United Kingdom AP1000 Diversity Analysis of the Protection and Safety Monitoring System (PMS) and the Diverse Actuation System (DAS)	20-Dec-16			WEC-REG-01503N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
UKP-GW-GLR-024	2	United Kingdom AP1000 Diversity Analysis of the Plant Control System/Data Display and Processing System (PLS/DDS) and Diverse Actuation System (DAS)	21-Dec-16			WEC-REG-01503N
CI.04 PMS Spurious Operation						
APP-PXS-GEC-001	0	Consequences of Spurious Actuation of the PXS Recirculation Squib Valves	13-Oct-15			WEC-REG-0341N
UKP-PMS-GL-006	2	Failure Rate Estimation of the PMS ADS and IRWST Injection Blocking Device Assembly	7-Jun-16			WEC-REG-1035N
UKP-PMS-GLR-003	1	United Kingdom AP1000 PMS Spurious Operation Basis of Safety Case	15-Dec-16			WEC-REG-01483N
UKP-PMS-GLR-013	0	United Kingdom AP1000 IEC 61508-2 Compliance Matrix for PMS Spurious Actuation Blocking Hardware	17-May-16			WEC-REG-01168N
CI.05 SMART Device Justification for Use						
UKP-GW-GLR-017	4	United Kingdom AP1000 Smart Device Justification Plan	16-Dec-16			WEC-REG-01496N
UKP-GW-GLR-028	2	United Kingdom AP1000 SMART Device Assessment Summary Report for Substantiation of the Eaton Digitrip RMS 310+ Trip Unit for Use in Class 1 Safety Applications	10-Nov-16			WEC-REG-01405N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
UKP-GW-GLR-029	1	United Kingdom AP1000 Smart Device Assessment Summary Report for Substantiation of the Magnetrol ECLIPSE 706 Guided Wave Radar Level Transmitter for Use in Class 3 Safety Applications	12-Jul-16			WEC-REG-01405N
UKP-GW-GLR-034	1	United Kingdom AP1000 SMART Device Assessment Report for Siemens G120 Variable Speed Drive for Class 2 Applications	10-Nov-16			WEC-REG-01405N
UKP-GW-JOY-004	2	United Kingdom AP1000 Smart Device Assessment Process	19-Dec-16			WEC-REG-01496N
CI.06 and CI.07 Ovation based DCIS justification for use						
UKP-DDS-GL-001	1	United Kingdom AP1000 IEC 62138 Compliance Matrix for the Data Display System	26-Apr-16			WEC-REG-0914N
UKP-DDS-GLR-001	1	United Kingdom AP1000 Data Display and Processing System (DDS) Basis of Safety Case	21-Dec-16			WEC-REG-01506N
UKP-DDS-GLR-002	1	United Kingdom AP1000 Data Display and Processing System (DDS) Safety Assessment Principle Compliance	19-Dec-16			WEC-REG-01496N
UKP-DDS-GLR-003	1	United Kingdom AP1000 IEC 61513 Claims, Arguments and Evidence for the Data Display and Processing System (DDS)	20-Dec-16			WEC-REG-01502N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	UKP-PLS-GL-001	1	United Kingdom AP1000 IEC 60987 Compliance Matrix for the Plant Control System	27-Jun-16			WEC-REG-1058N
	UKP-PLS-GL-002	0	United Kingdom AP1000 IEC 62138 Compliance Matrix for the Plant Control System	12-Apr-16			WEC-REG-0881N
	UKP-PLS-GLR-001	1	United Kingdom AP1000 Plant Control System (PLS) Basis of Safety Case	21-Dec-16			WEC-REG-01506N
	UKP-PLS-GLR-002	1	United Kingdom AP1000 Plant Control System (PLS) Safety Assessment Principle Compliance	23-Nov-16			WEC-REG-1422N
	UKP-PLS-GLR-003	1	United Kingdom AP1000 IEC 61513 Claims, Arguments and Evidence for the Plant Control System (PLS)	30-Nov-16			WEC-REG-1422N
	WNA-AR-00039-GEN	1	Ovation DCS Platform Reliability	18-Nov-10			WEC-REG-0748N
	WNA-AR-00517-GEN	0	DCIS Important to Safety - Platform Tools Review	23-Nov-15			WEC-REG-01192N
	WNA-AR-00520-GEN	0	DCIS Important to Safety - Ovation Platform Operational Experience (OPEX-P) Review for Ovation 3.5.1	11-Aug-16			WEC-REG-01192N
	WNA-CD-00045-GEN	0	DCIS Important to Safety - Commercial Grade Survey Specification	12-Oct-15			WEC-REG-0341N

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WNA-CD-00048-GEN	1	DCIS Important to Safety - Commercial Dedication Instruction - Ovation 3.5.1 Controller Complimentary Testing	1-Sep-16			WEC-REG-01260N
WNA-PV-00075-GEN	1	DCIS Important to Safety - Commercial Dedication Plan	30-Sep-15			WEC-REG-0362N
WNA-VR-00464-GEN	1	DCIS Important to Safety - Commercial Dedication Report for the Ovation 3.5.1 Platform	29-Aug-16			WEC-REG-01226N
CI.08 PMS Basis of Safety Case						
204345-0000-DG00-RPT-0001	9	AP1000 Statistical Testing Plan Approach	1-Dec-16			WEC-REG-01492N
204345-0000-DG00-RPT-0004	8	UK AP1000 PMS Statistical Testing - Test Plan	23-Sep-16			WEC-REG-01492N
GBRA 095830	D	AC160 Maintenance O1MOD - Qualification Final Quality Assessment and Justification Report Analyse	9-Dec-16			WEC-REG-01466N
UKP-PMS-GL-002	2	United Kingdom AP1000 IEC 60880 Compliance Matrix for the Protection and Safety Monitoring System	22-Jul-16			WEC-REG-1128N
UKP-PMS-GL-005	1	United Kingdom AP1000 Protection and Safety Monitoring System AC160 Suitability Analysis	2-Dec-16			WEC-REG-01439N

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	UKP-PMS-GL-010	2	United Kingdom AP1000 PMS Safety Assessment Principle Evaluation	15-Dec-16			WEC-REG-01483N
	UKP-PMS-GL-012	1	United Kingdom AP1000 IEC 61513 Claims, Arguments and Evidence for the Protection and Safety Monitoring System	8-Dec-16			WEC-REG-01455N
	UKP-PMS-GL-016	0	United Kingdom AP1000 PMS GDA Technical Observations Claims, Arguments and Evidence	22-Jul-16			WEC-REG-01367N
	UKP-PMS-GL-017	0	United Kingdom AP1000 PMS GDA Deviation Matrix Claims, Arguments and Evidence	15-Jul-16			WEC-REG-01325N
	UKP-PMS-GLR-001	2	United Kingdom AP1000 Protection and Safety Monitoring System Safety Case Basis	21-Dec-16			WEC-REG-01507N
	UKP-PMS-GLR-007	1	United Kingdom AP1000 IEC 60987 Compliance Matrix for the Protection and Safety Monitoring System	7-Jul-16			WEC-REG-1089N
	UKP-PMS-J8R-001	0	United Kingdom AP1000 Protection and Safety Monitoring System Configuration Management Release Report	15-Sep-16			WEC-REG-01274N

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	CI.09 CIM - Adequacy of Safety Case						
	UKP-PMS-GLR-002	2	United Kingdom AP1000 Component Interface Module Safety Case Basis	28-Nov-16			WEC-REG-01426N
	UKP-PMS-GLR-004	0	United Kingdom AP1000 Component Interface Module Safety Assessment Principles	17-Jul-16			WEC-REG-1111N
	UKP-PMS-GLR-005	2	United Kingdom AP1000 IEC 60987 Compliance Assessment for the PMS Component Interface Module	22-Sep-16			WEC-REG-01281N
	UKP-PMS-GLR-006	1	AP1000 IEC 62566 Compliance Assessment for the PMS Component Interface Module	21-Apr-16			WEC-REG-0903N
	UKP-PMS-GLR-008	1	United Kingdom AP1000 IEC 61513 Claims, Arguments and Evidence for the PMS Component Interface Module	22-Nov-16			WEC-REG-01426N
	CI.10 Class 1 Displays and Controls						
	UKP-OCS-GLR-001	1	United Kingdom AP1000 RSR Control Strategy for Class 1 Displays and Controls - SAPs Compliance	9-Dec-16			WEC-REG-01465N
	UKP-OCS-GLR-002	1	United Kingdom AP1000 RSR Control Strategy for Class 1 Displays and Controls - ALARP Justification	5-Dec-16			WEC-REG-01442N

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Cross-Cutting						
CC.01 Limits and Conditions						
UKP-GW-GL-500	0	AP1000® UK Limits and Condition Process Description	14-Dec-15			WEC-REG-0538R
UKP-GW-GL-501	0	AP1000® UK Generic Technical Specifications	28-Jan-16			WEC-REG-0626R
UKP-GW-GL-502	0	Recommendation for Development of the AP1000 Technical Requirements Manual	5-Feb-16			WEC-REG-0660R
CC.02 PCSR to Support GDA						
N/A	N/A	Revalidation of the UK AP1000® Conceptual Security Arrangements	21-Dec-16			WEC-REG-01505R
UKP-GW-GL-060	10	AP1000 Design Reference Point for UK GDA	24-Jan-17			WEC-REG-01552N
UKP-GW-GL-790	7	UK AP1000 Environment Report	15-Mar-17			WEC-REG-01598N
UKP-GW-GL-793	1	AP1000 Pre-Construction Safety Report	31-Jan-17			WEC-REG-01552N
UKP-GW-GL-793NP	1	AP1000 Pre-Construction Safety Report	17-Mar-17			WEC-REG-01599N
UKP-GW-GLX-001	2	AP1000 Master Submission List for UK GDA	See Coverpage			WEC-REG-01600N
UKP-GW-GLX-700	1	AP1000 Safety Case Roadmap for UK GDA	26-Jan-17			WEC-REG-01552N
CC.03 Consider and Action Plans to Address the Lessons Learnt from the Fukushima Event						
UKP-GW-GGR-201	1	UK AP1000 Plant Post-Fukushima Assessment	11-Jul-16			WEC-REG-1100N

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UKP-GW-GL-109	0	Assessment of Fukushima Lessons Learned Reports	3-Jun-16			WEC-REG-1010N
Essential Electrical Systems						
EE.01 PCSR Presentation of Claims Arguments and Evidence						
UKP-GW-GL-065	5	UK AP1000® Plant Electrical Equipment Maintenance and Surveillance	14-Jul-16			WEC-REG-1115N
UKP-GW-GL-163	2	UK AP1000® Electrical Basis of Safety Case	16-Dec-16			WEC-REG-01489N
UKP-GW-GLR-031	0	AP1000 UK Grid Code Compliance Report	1-Jul-16			WEC-REG-1077N
Fault Studies						
FS.01 Spent Fuel Pool Safety Case						
APP-GW-GEE-2070	0	Changes to RNS Cooldown Using the Fire Protection System	28-Feb-11			WEC-REG-0023R
APP-GW-GEE-2517	0	Addition of Passive Filtration to the Fuel Handling Area Blow-out Panel (UK Only)	31-Mar-11			WEC-REG-0023R
APP-GW-GEE-5151	0	UKP Changes to Address FS01	2-Mar-16			WEC-REG-0725N
UKP-GW-GL-077	1	AP1000® Spent Fuel Pool Safety Case	4-Mar-16			WEC-REG-0749N
FS.02 Design Reference Point and Adequacy of Design Basis Analysis						
UKP-SSAR-F5-001	0	AP1000 Safety Analysis Checklist (SAC) & Future Limits	8-Jul-16			WEC-REG-1097N
UKP-SSAR-GLR-001	0	UK Fault Studies Analysis Basis	19-Aug-16			WEC-REG-01204N
FS.03 Diversity for Frequent Faults						

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	APP-GW-GEE-1481	0	DAS PRHR Logic Change	16-Apr-10			WEC-REG-0039R
	APP-GW-GEE-5251	0	Addition of Diverse Protection for Boron Dilution at Shutdown	13-Jul-16			WEC-REG-01194N
	CN-AP1000-UK-001	0	UK AP1000® PWR Dropped Rod Fault Studies	8-Feb-16			WEC-REG-01236N
	CN-AP1000-UK-003	0	T/H Evaluation of ATWS Dropped Rod Statepoints for UK AP1000	24-Jan-16			WEC-REG-01236N
	CN-AP1000-UK-014	0	AP1000 PWR UK GDA Boron Dilution Analysis for Input to DAS Design Update	22-Apr-16			WEC-REG-0936N
	UKP-GW-GL-165	0	AP1000® Plant Chemical and Volume Control System (CVS) €“ Diversity Evaluation	29-Apr-16			WEC-REG-0930N
	UKP-SSAR-GLR-002	0	UK AP1000® Plant: Summary Report Supporting the Closure of Fault Studies Issue 03	2-May-16			WEC-REG-0936N
	UKP-SSAR-GSC-210	0	AP1000 UK Generic Design Assessment: Evaluation of PCSR ATWS Scenarios for Design Reference Point Change	11-Apr-16			WEC-REG-0936N
	UKP-SSAR-GSC-238	0	UK AP1000 Dropped Rod Diversity Analysis	1-Mar-16			WEC-REG-0936N
	UKP-SSAR-GSC-239	0	UK AP1000 Boron Dilution Diversity Analysis	22-Apr-16			WEC-REG-0936N
	UKP-SSAR-GSC-243	0	UK AP1000 Analysis of Excessive Load Increase ATWS Scenarios	13-Apr-16			WEC-REG-0936N

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UKP-SSAR-GSC-247	0	UK AP1000 Complete Loss of Flow as a Result of Grid Frequency Perturbations	11-Apr-16			WEC-REG-0936N
FS.04 Use of In-core Detectors to Protect Against Adverse Power Distributions						
UKP-GW-GL-083	0	AP1000® Flux Protection and Diversity for Frequent Faults	30-Jun-16			WEC-REG-1072N
FS.05 Potential Enhancements to the Diverse Safety Injection System						
APP-GW-GEE-5099	0	PRHR Actuation on Low Pressurizer Level via DAS	1-Oct-15			WEC-REG-0363N
UKP-GW-GL-797	1	AP1000 ALARP Assessment of Diverse Mitigation of ~Frequent Fault™ Small Break LOCAs	12-Jul-16			WEC-REG-1104N
FS.06 Validation of the IRWST Cooling Function for the PRHR						
APP-GW-GEE-3692	0	Changes for Condensate Return to IRWST	12-Jan-13			WEC-REG-0167N
APP-GW-GEE-4651	0	PRHR Heat Exchanger Tube Plugging and PXS Condensate Return Analysis Changes	20-Dec-13			WEC-REG-0167N
APP-GW-GEE-4657	0	Polar Crane Girder Modification as a Result of Containment Condensation Return	19-Dec-13			WEC-REG-0167N
APP-GW-GEE-5007	0	Update to Condensate Return Analysis	27-Apr-15			WEC-REG-0167N
APP-PXS-GER-003	0	AP1000® Condensate Return Test Identification and Phenomena Ranking Table (PIRT)	17-Jun-13			WEC-REG-0167N

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	APP-PXS-M3C-071	2	Containment Response Analysis for Long-Term PRHR Operation	27-Apr-15			WEC-REG-0167N
	APP-PXS-M3C-072	2	Condensate Return to IRWST for Long Term PRHR Operation	27-Apr-15			WEC-REG-0167N
	APP-PXS-M3C-079	0	PXS Condensate Return: Identification of a Limiting Scenario	27-Apr-15			WEC-REG-0167N
	APP-SSAR-GSC-009	0	AP1000 Plant Safe Shutdown Duration Evaluation	10-Jun-15			WEC-REG-0167N
	APP-SSAR-GSC-536	3	AP1000 Safe Shutdown Temperature Evaluation	27-Apr-15			WEC-REG-0167N
	APP-SSAR-GSR-002	0	AP1000® Long-term Passive Residual Heat Removal (PRHR) Operation Event Phenomena Identification and Ranking Table (PIRT)	13-Apr-15			WEC-REG-0167N
	TR-SEE-III-12-01	0	AP1000® PXS Condensate Return Test Report	19-Aug-12			WEC-REG-0167N
	UKP-PXS-GLR-001	0	Condensate Return Analysis Summary Report	19-Aug-16			WEC-REG-01204N
FS.07 Safety Case for Shutdown Faults							
	UKP-SSAR-GL-002.pdf	0	AP1000 Shutdown Faults Safety Case Roadmap	28-Jan-16			WEC-REG-0632N
	UKP-SSAR-GSC-014	0	AP1000 Normal Residual Heat Removal System (RNS) Failure Doses and RNS Break Doses	27-Jan-16			WEC-REC-1495N

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FS.08 Fault Schedule for AP1000						
UKP-GW-GL-793, Chapter 8	1	AP1000 Pre-Construction Safety Report, Chapter 8	31-Jan-17			WEC-REG-01552N
Fuel Design						
FD.01 Fuel Pin Modelling Safety Justification						
APP-GW-GLR-153	1	AP1000 Core Reference Report	13-May-15			WEC-REG-0102R
MT-15-7	0	Transmittal of WCAP-17642-P – Performance Analysis and Design Model (PAD5)	30-Jan-15	-		WEC-REG-0035R
FD.02 Tolerability of Depressurisation Forces in LBLOCA						
CN-NRFE-10-21	5	AP1000 Fuel Assembly Seismic/LOCA Analysis	20-Mar-15			WEC-REG-1187N
CN-NRFE-15-3	0	AP1000 Fuel Assembly Vertical LOCA Forces Evaluation in Support of the UK LBLOCA Project	19-Jul-16			WEC-REG-01129N
CN-NRFE-16-2	0	AP1000 Fuel Assembly Seismic/LOCA Analysis in Support of the UK LBLOCA Project	20-Jul-16			WEC-REG-01129N
UKP-GW-GLR-035	0	UK AP1000® Fuel Tolerability of Depressurisation of the Primary Circuit Assessment	11-Aug-16			WEC-REG-1187N
UKP-MI01-S3C-001	0	AP1000 UK RESM €“ Large Break (LB) Loss-of-Coolant Accident (LOCA) Analysis	18-Jul-16			WEC-REG-01129N
UKP-SSAR-GSC-013	1	AP1000-UK LBLOCA Forces for FD.02	29-Oct-15			WEC-REG-0422N

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FD.03 Use of the BEACON Code for On-line Compliance						
CN-AP1000-UK-002	0	UK AP1000® PWR Erroneous BEACONTM Scenario Safety Study	11-Mar-16			WEC-REG-0790N
UKP-GW-GL-129	0	UK AP1000 BEACON Core Monitoring System ALARP Assessment	7-Oct-16			WEC-REG-01322N
UKP-GW-GL-130	0	IEC 61513 Claims, Arguments and Evidence for the BEACON Core Monitoring System	3-Jun-16			WEC-REG-01014N
UKP-GW-GL-162	1	UK AP1000 BEACON Core Monitoring System Basis of Safety Case	27-Oct-16			WEC-REG-01356N
UKP-GW-GL-164	0	UK BEACON Core Monitoring System IEC 62138 Compliance Assessment	15-Feb-16			WEC-REG-0680N
Human Factors						
HF.01 Completeness of the Human Factors Safety Case						
N/A	N/A	Status of Ongoing Human Factors Integration across GDA Issues	3-Mar-16			WEC-REG-0737N
N/A	A	AP1000 Human Factor PCSR Chapter 13 Roadmap	18-Mar-16			WEC-REG-0794R
N/A	0	Violation Potential Write-up	30-Nov-16			WEC-REG-01432N
N/A	0	Misdiagnosis Potential Write-up	30-Nov-16			WEC-REG-01432N
N/A	N/A	Revised Human Error Analyses	13-Dec-16			WEC-REG-01477N

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UKP-GW-GL-126	0	United Kingdom AP1000 Human Factors Qualitative Error Analysis	23-Jun-16			WEC-REG-1048N
Internal Hazards						
IH.01 Internal Fire Safety Case Substantiation						
N/A	1	AP1000 Internal Fire Safety Case Roadmap	27-May-15			WEC-REG-0119R
UKP-GW-AF-001	1	AP1000 Fire Protection Dampers - UK Compliance Report	12-Aug-16			WEC-REG-1189N
UKP-GW-AF-101	0	AP1000 Plant Fire Resistance Rating Report for Nuclear Island Reinforced Concrete Structures	28-Mar-16			WEC-REG-0809N
UKP-GW-GL-123	0	Heat Transfer Analysis of SC Walls and Floors in a Three-Hour Standard Fire	31-Mar-16			WEC-REG-0848N
UKP-GW-GLR-036	0	UK AP1000 Internal Hazards Topic Report - Combined Hazards	31-Aug-16			WEC-REG-01230N
UKP-GW-GLR-111	1	UK AP1000 Internal Hazards Topic Report - Fire Protection	17-Jan-17			WEC-REG-01546R
IH.02 Internal Flooding Safety Case						
N/A	1	Westinghouse Internal Flooding Safety Case Roadmap	17-Jun-15			WEC-REG-0150N
UKP-GW-GLR-107	1	UK AP1000 Internal Hazards - Flooding Topic Report	18-Jan-17			WEC-REG-01546R
IH.03 Pressure Part Failure						
N/A	N/A	AP1000 Pressure Part Failure Safety Case Roadmap	10-Aug-15			WEC-REG-0245R

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	UKP-1000-GEC-004	1	UK AP1000 Barrier Matrix	19-Jan-17			WEC-REG-01549N
	UKP-GW-GLR-026	0	AP1000® Pressure Part Failure Analysis Summary Report for the Main Steam Isolation Compartments	30-Jun-15			WEC-REG-0165R
	UKP-GW-GLR-114	1	UK AP1000® Plant Internal Hazards Topic Report – Pressure Part Failure	16-Jan-17			WEC-REG-01546R
IH.04 Internal Explosion Safety Case Substantiation							
	APP-1000-E6C-001	A	Application of Hazardous (Classified) Locations to the AP1000 Auxiliary Building	26-Aug-15			WEC-REG-0287N
	APP-1000-E6C-002	A	AP1000® Nuclear Island Hydrogen Piping, Equipment and System Assessment	3-Aug-15			WEC-REG-0235N
	N/A	N/A	AP1000 Internal Explosions Safety Case Roadmap	21-Aug-15			WEC-REG-0269R
	UKP-GW-GL-114	0	UKP 1000 Auxiliary Building Battery Rooms - Hydrogen Assessment	17-Jun-16			WEC-REG-1063N
	UKP-GW-GLR-109	1	UK AP1000 INTERNAL HAZARDS TOPIC REPORT - EXPLOSIONS	20-Jan-17			WEC-REG-01549N
IH.05 Internal Missile Safety Case							
	N/A	N/A	AP1000 Rotating Equipment Internal Missile Source Identification	27-Apr-15			WEC-REG-0093N
	N/A	0	AP1000 Internal Missile Safety Case Roadmap	26-May-15			WEC-REG-0117N

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UKP-GW-GLR-108	1	UK AP1000 Internal Hazards Topic Report - Internal Missiles	20-Jan-17			WEC-REG-01549N
IH.06 Substantiation and Analysis of the Consequences of Dropped Loads and Impact from Lifting Equipment Included Within the AP1000 Design						
N/A	N/A	AP1000 Dropped Loads Safety Case Roadmap	20-Aug-15			WEC-REG-0263R
UKP-1000-VMR-100	0	AP1000 Load Path Assessment	4-Dec-15			WEC-REG-0528N
UKP-1000-VMR-101	1	AP1000® Handling Equipment Dropped Load Exclusions	20-Jan-17			WEC-REG-01549N
UKP-GW-GLR-110	1	UK AP1000 Internal Hazards Topic Report – Dropped Loads	19-Jan-17			WEC-REG-01549N
Mechanical Engineering						
ME.01 Squib Valve Concept and Design Substantiation						
APP-PV70-VDR-101001	0	Compilation of Design Reports for PV70 Datasheet 101	19-Aug-14			WEC-REG-01420N
APP-PV70-GER-001	0	Report on Squib Valve Shape Charge Device	26-Nov-07			WEC-REG-0156N
APP-PV70-GER-002	2	Squib Valve (PV70) and Squib Valve Actuator (PV98) Design Project Summary	10-Oct-16			WEC-REG-01468N
APP-PV70-T5-001	3	Qualification Plan for Safety-Related Squib Valve Actuators and Electrical Connection Assemblies for Westinghouse Electric Company for use in Westinghouse AP1000 Nuclear Power Plants	22-Mar-12			WEC-REG-0071R

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	APP-PV70-T5-002	3	Electromagnetic Interference (EMI) Test Procedure for a Squib Valve Initiator and Connection Assembly	21-Dec-11			WEC-REG-0071R
	APP-PV70-T5-003	0	Qualificaiton Plan for QME-1-2007 Qualification 8" & 14" Squib Valve	27-Oct-10			WEC-REG-0071R
	APP-PV70-VBR-002	1	Equipment Qualification Summary Report for 8" Squib Valves for Use in the AP1000 Plant	23-Aug-16			WEC-REG-01406N
	APP-PV70-VBR-003	1	Equipment Qualification Data Package for 8" Squib Valves for Use in the AP1000 Plant	25-Aug-16			WEC-REG-01406N
	APP-PV70-VBR-004	1	Equipment Qualification Summary Report for 14" Squib Valves for Use in the AP1000 Plant	25-Aug-16			WEC-REG-01406N
	APP-PV70-VBR-005	1	Equipment Qualification Data Package for 14" Squib Valves for Use in the AP1000 Plant	25-Aug-16			WEC-REG-01406N
	APP-PV70-VDR-012	0	Structural Analysis Report for 8" Squib Valve	11-Sep-15			WEC-REG-01420N
	APP-PV70-VDR-104	0	Structural Analysis Report for 14€ Valve [?]	5-Mar-15			WEC-REG-0071R
	APP-PV70-VMM-001	1	PV70 Squib (Pyrotechnic Actuated) Valves Maintenance Manual	16-Sep-15			WEC-REG-01256N

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	APP-PV70-Z0-001	6	Squib (Pyrotechnic Actuated) Valves, ASME Boiler and Pressure Vessel Code, Section III Class 1	18-Jul-14			WEC-REG-0377N
	APP-PV98-Z0-001	3	Pyrotechnic Actuator for ASME Boiler and Pressure Vessel Code, Section III Class 1 Squib Valves (PV70)	20-May-16			WEC-REG-01237N
	APP-PV98-Z0-001	2	Pyrotechnic Actuator for ASME Boiler and Pressure Vessel Code, Section III Class 1 Squib Valves (PV70)	2-Apr-15			WEC-REG-0377N
	APP-PXS-PLR-010	6	AP1000 Direct Vessel Injection Line A (APP-PXS-PLR-010) Piping Stress Analysis Report	2-Jul-15			WEC-REG-0394N
	APP-PXS-PLR-020	6	AP1000 Direct Vessel Injection Line B (APP-PXS-PLR-020) Piping Stress Analysis Report	2-Jul-15			WEC-REG-0394N
	APP-PXS-PLR-030	4	Piping Analysis Report for Loop 1 €“ Automatic Depressurization System 4th Stage West Compartment and Passive Residual Heat Removal Supply	14-Jan-14			WEC-REG-0524N

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APP-RCS-PLR-030	3	Piping Analysis Report for Reactor Coolant System (RCS) Loop 2 €“ Automatic Depressurization System (ADS) 4th Stage East Compartment, Containment Building Room 11302	12-Jun-14			WEC-REG-0394N
DCP_DCP_007666	0	Response to GI-AP1000-ME-01, Action A5, 1st Bullet	19-Nov-15			WEC-REG-01406N
UKP-GW-GL-200	1	AP1000® Squib Valve Safety Case	3-Dec-16			WEC-REG-01440N
ME.02 Metrication of Mechanical Equipment and Civil Structural Steelwork Connections						
APP-GW-G1-011	7	AP1000® Plant Metrication Strategy and ALARP Assessment for the United Kingdom	17-Nov-16			WEC-REG-01407N
ME.03 Mechanical System Pipework Design						
UKP-GW-GL-102	1	AP1000® Plant Assessment of Freeze Seal Applications	19-Sep-16			WEC-REG-01273N
UKP-GW-GL-103	1	AP1000® Plant Assessment of Single Valve EMIT Isolations	1-Aug-16			WEC-REG-01154N
UKP-GW-GL-104	1	AP1000® Plant Assessment of Pipe Work Drainage Features	29-Aug-16			WEC-REG-01221N
Probabilistic Safety Analysis (PSA)						
PS.01 Success Criteria for the Probabilistic Risk Assessment						
APP-PRA-GM-003	D	AP1000 Plant PRA Accident Sequence and Success Criteria Guidebook	2-Feb-15			WEC-REG-0037R

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-PRA-GM-004	F	AP1000 Plant PRA Systems Analysis Guidebook	7-May-12			WEC-REG-0243N
	APP-PRA-GSC-025	1	AP1000 Parameter File for MAAP4.0.7	27-Apr-12			WEC-REG-0037R
	APP-PRA-GSC-317	D	AP1000® Plant At-Power Internal Events PRA, Passive Core Cooling and Reactor Coolant Systems Notebook	28-Jul-15			WEC-REG-0243N
	APP-PRA-GSC-319	D	AP1000 Plant At-Power Internal Events PRA, Protection and Safety Monitoring System Notebook	29-Jul-15			WEC-REG-0243N
	APP-PRA-GSC-321	C	AP1000 Plant At-Power Internal Events PRA, Human Reliability Analysis Notebook	28-Jul-15			WEC-REG-0243N
	APP-PRA-GSC-322	B	AP1000® Plant At-Power Internal Events PRA, Quantification Notebook	5-Aug-15			WEC-REG-0243N
	APP-PRA-GSC-323	C	AP1000 Plant At-Power Internal Events PRA, Level 2 Analysis Notebook	15-Apr-16			WEC-REG-0908N
	APP-PRA-GSC-336	A	AP1000® Plant Low Power and Shutdown Internal Events, Limited Scope Success Path Analysis Notebook	1-Feb-16			WEC-REG-0638N
	APP-PRA-GSC-340	C	AP1000 Plant At-Power Internal Events PRA, Initiating Event Analysis Notebook	24-Feb-15			WEC-REG-0048R

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	APP-PRA-GSC-341	D	AP1000 Plant At-Power Internal Events PRA, Accident Sequence Analysis Notebook	29-Jul-15			WEC-REG-0243N
	APP-PRA-GSC-342	D	AP1000 Plant At-Power Internal Events PRA, Success Criteria Analysis Notebook	29-Jul-15			WEC-REG-0243N
	APP-PRA-GSC-343	B	AP1000 Plant At-Power Internal Events PRA, Data Analysis Notebook	28-Feb-13			WEC-REG-0243N
	APP-PRA-GSC-353	C	AP1000 Plant At-Power Internal Events PRA, Interfacing System Loss of Coolant Accident Initiating Event Analysis Notebook	30-Jan-13			WEC-REG-0048R
	APP-PRA-GSC-357	A	AP1000 Plant At-Power Internal Events PRA, Uncertainties Notebook	25-Aug-15			WEC-REG-0321R
	APP-PRA-GSC-376	B	AP1000 Plant At-Power Internal Events PRA, Level 2 Quantification Results Notebook	15-Apr-16			WEC-REG-0908N
	LTR-AP1000-PRA-15-013	0	Generic Design Assessment (GDA) AP1000® Plant PSA Deliverable: Qualitative Assessment of Unincorporated Class 1 and 2 Design Changes	24-Aug-15			WEC-REG-0281R

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
LTR-AP1000-PRA-15-019	1	AP1000 Plant Probabilistic Safety Assessment (PSA) Risk Important Human Actions from Generic Design Assessment (GDA) Issue PSA-01	22-Sep-15			WEC-REG-0334N
LTR-AP1000-PRA-15-026	0-A	Generic Design Assessment (GDA) AP1000® Plant PSA-01 Deliverable: Low Power and Shutdown (LPSD) Probabilistic Risk Assessment (PSA) Initiating Event (IE) Review	27-Jan-16			WEC-REG-0619N & WEC-REG-0621N
LTR-AP1000-PRA-16-008	0	Post Reactor Trip Boron Requirements for LOCA and Non-LOCA Events in the AP1000 Plant Probabilistic Safety Assessment for UK Generic Design Issue GI-AP1000-PSA-01	25-Feb-16			WEC-REG-0712N
LTR-AP1000-PRA-16-035	0	AP1000® Plant Human Factors Qualitative Error Analysis Comparison to the Probabilistic Safety Assessment	26-Aug-16			WEC-REG-01219N
LTR-RAM-I-15-047	1	Office of Nuclear Regulation (ONR) Request Generic Design Assessment (GDA) Issue PSA-01 High Level Summary of Changes	26-Aug-15			WEC-REG-0282R
PS.02 Fire PSA						
APP-GW-GMP-025	A	AP1000 Plant Probabilistic Risk Assessment Maintenance and Update Procedure	24-Mar-16			WEC-REG-0830N

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	APP-PRA-GSC-361	D	AP1000® Plant At-Power Fire PRA, Plant Partitioning Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-362	C	AP1000® Plant At-Power Fire PRA, Equipment Selection Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-363	C	AP1000® Plant At-Power Fire PRA, Cable Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-364	A	AP1000® Plant At-Power Fire PRA, Fire Risk Model Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-365	D	AP1000® Plant At-Power Fire PRA, Fire Ignition Frequencies Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-366	1	AP1000® Nuclear Power Plant Fire PRA, Circuit Analysis and Cable Selection	25-Jan-16			WEC-REG-0830N
	APP-PRA-GSC-367	C	AP1000® Plant At-Power Fire PRA, Fire Scenario Selection Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-368	C	AP1000® Plant At-Power Fire PRA, Main Control Room Notebook	16-Mar-16			WEC-REG-0786N
	APP-PRA-GSC-369	C	AP1000® Plant At-Power Fire PRA, Fire Human Reliability Analysis Notebook	28-Mar-16			WEC-REG-0830N
	APP-PRA-GSC-370	A	AP1000® Plant At-Power Fire PRA, Quantification and Results Notebook	28-Mar-16			WEC-REG-0830N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
APP-PRA-GSC-377	1	AP1000® Nuclear Power Plant Fire PRA, Circuit Failure Mode Likelihood Analysis (CFMLA)	25-Jan-16			WEC-REG-0830N
LTR-AP1000-PRA-16-015	A	AP1000® Plant At-Power Fire Probabilistic Safety Assessment (PSA) As Low As Reasonably Practicable (ALARP) Assessment to Support UK GDA PSA-02	28-Mar-16			WEC-REG-0830N
LTR-RAM-I-15-001	0	Summary of Expert Panel Activities Related to the Review of Multiple Spurious Operations for the AP1000 Plant Fire PRA	16-Feb-15			WEC-REG-0074N
SV0-PRA-GSC-362	A	AP1000® Plant At-Power Fire PRA, Equipment Selection Notebook	24-Feb-15			WEC-REG-0074N
SV0-PRA-GSC-363	C	AP1000® Plant At-Power Fire PRA, Cable Notebook	28-Mar-16			WEC-REG-0830N
UKP-PRA-GM-010	A	AP1000® Plant Fire PRA Model Development Guidebook	16-Dec-14			WEC-REG-0021R
Radiation Protection						
RP.01 Spent Fuel Pool Criticality Safety Case						
APP-GW-GEE-5314	0	Changes to United Kingdom UK AP1000 Plant Spent Fuel Pool Configuration to Address UK Regulatory Requirements	8-Jun-16			WEC-REG-1022N
UKP-GW-GL-113	2	AP1000® Spent Fuel Pool Design ALARP Assessment	26-Aug-16			WEC-REG-01214N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
ZZZ-GW-GL-095	0	AP1000 - Evaluation of Different AP1000 Spent Fuel Pool Configurations	11-Jun-15			WEC-REG-0200R
Reactor Chemistry						
RC.01 Accident Source Terms						
UKP-GW-GL-098	0	AP1000® Plant Accident Source Term Evaluation and Target 8 Compliance	13-Jul-16			WEC-REG-1107N
UKP-SSAR-GSC-030	0	MAAP 5.03 Analysis of the AP1000® Plant Severe Accident Fission Product Source Terms to the Containment	1-Apr-16			WEC-REG-0846R
RC.02 Primary Sampling System						
UKP-GW-GL-091	0	AP1000® Plant Example Sampling Schedule for the Primary Side	12-Mar-15			WEC-REG-0056R
UKP-GW-GL-099	1	AP1000® Plant Primary Sampling System €" Safety Evaluation	30-Sep-16			WEC-REG-01304R
UKP-GW-GL-101	1	Definition of Relevant Good Practice for Primary Side Chemistry Sampling System Designs	27-Oct-15			WEC-REG-0416R
RC.03 Hydrogen Dosing System						
APP-CVS-M3C-015	2	Estimated Hydrogen Consumption in the AP1000 RCS and Range of CVS Hydrogen Injection Rates	22-Mar-11			WEC-REG-0024R

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
APP-CVS-M3C-060	0	Chemical and Volume Control System (CVS) Direct Hydrogen Gas Injection Dissolution Evaluation	4-Jul-11			WEC-REG-0024R
UKP-GW-GL-100	1	AP1000® Plant Hydrogen Injection System €" Safety Demonstration	28-Oct-15			WEC-REG-0416R
Structural Integrity						
SI.01 Avoidance of Fracture						
N/A	N/A	Westinghouse Response to the ONR's Inquiry Regarding Additional Fracture Toughness Testing Proposals for the UK AP1000® Plant	5-Apr-16			WEC-REG-0847N
UKP-GW-GL-121	0	Independent Defect Tolerance Assessment of the UK AP1000 Pressurizer Upper to Middle Shell Weld	14-Mar-16			WEC-REG-0771N
UKP-GW-GL-122	0	UK AP1000 Pressurizer Upper to Middle Shell Weld Defect Tolerance Assessment: Comparison of Westinghouse Electric Company and Amec Foster Wheeler Results	14-Mar-16			WEC-REG-0771N
UKP-GW-GL-124	0	Independent Defect Tolerance Assessment of the UK AP1000 Steam Generator Primary Inlet Nozzle to Safe End Weld	18-Apr-16			WEC-REG-0877N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	UKP-GW-GL-125	0	UK AP1000 Steam Generator Primary Inlet Nozzle to Safe End Weld Defect Tolerance Assessment: Comparison of Westinghouse Electric Company and Amec Foster Wheeler Results	18-Apr-16			WEC-REG-0877N
	UKP-GW-GL-127	0	Independent Defect Tolerance Assessment of the UK AP1000 Reactor Pressure Vessel DVI Nozzle to Shell Weld	2-May-16			WEC-REG-0932N
	UKP-GW-GL-128	0	UK AP1000 Reactor Pressure Vessel DVI Nozzle to Shell Weld Defect Tolerance Assessment: Comparison of Westinghouse Electric Company and Amec Foster Wheeler Results	2-May-16			WEC-REG-0932N
	UKP-GW-GLR-004	3	AP1000 UK Structural Integrity Classification	18-Jan-17			WEC-REG-01540N
	UKP-MB01-ZOC-004	1	Flaw Evaluation of the UK AP1000 Steam Generator Welds	13-Apr-16			WEC-REG-0877N
	UKP-MV01-ZOC-100	2	Flaw Evaluation of the UK AP1000 Reactor Pressure Vessel Welds	4-Mar-16			WEC-REG-0765N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	UKP-MV01-ZOR-100	3	Results of Weld Ranking Process for the Reactor Pressure Vessel, Steam Generator, Pressurizer, Main Steam Line and Main Coolant Loop Piping	4-Dec-15			WEC-REG-1225N
	UKP-MV01-ZOR-101	2	Methodology and Input Data for the Application of the R6 Flaw Evaluation Procedure and Fatigue Crack Growth Analysis to the UK AP1000 Components	16-Dec-16			WEC-REG-01485N
	UKP-MV20-ZOC-100	1	Flaw Evaluation of the UK AP1000 Pressurizer Welds	23-Dec-15			WEC-REG-0563N
	UKP-MV20-ZOC-103	0	Flaw Evaluation of the UK AP1000 Pressurizer Surge Nozzle to Safe-End Weld	29-Feb-16			WEC-REG-0728N
	WDI-PJF-2405360-TCR-003	2	Westinghouse Process for the Development of AP1000 Related Manufacturing NDT Inspection Plans as Part of the GDA Process (UK)	24-Feb-16			WEC-REG-0711N
	WDI-TJ-1047	1	Manufacturing NDT Inspection Plan for the DVI Nozzle to Safe End Weld of the AP1000™ Reactor Pressure Vessel in Response to Regulatory Observation Action RO-AP1000-19.A3	19-Jan-16			WEC-REG-0600N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	WDI-TJ-1048	1	Manufacturing NDT Inspection Plan for the Lower Shell to Upper Shell and DVI to Shell Welds of the AP1000 RPV	15-Oct-10			WEC-REG-0068R
	WDI-TJ-1051	1	Manufacturing NDT Inspection Plan for the RPV Inlet Nozzle to Safe End Weld of the AP1000 RPV	16-Dec-10			WEC-REG-0068R
	WDI-TJ-1054	1	Manufacturing NDT Inspection Plan for the Surge Nozzle to Safe End of the AP1000 Pressurizer in Response to Regulatory Observation Action RO-AP1000-19.A3	14-Jan-11			WEC-REG-0068R
	WDI-TJ-1055	1	Manufacturing NDT Inspection Plan for the Upper Head to Upper Shell and Manway to Shell Welds	1-Feb-11			WEC-REG-0068R
	WDI-TJ-1057	1	Manufacturing NDT Inspection Plan for the Main Steam Outlet Nozzle to Main Steam Line Pipe Weld of the AP1000 SG/MSL	1-Feb-11			WEC-REG-0068R
	WEC-REG-0163N - Enclosure 1 - EASL Benchmark Reports Comment Reconciliation	N/A	EASL Benchmark Reports Comment Reconciliation	30-Jun-15			WEC-REG-0163N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
Westinghouse NDT Reconciliation	N/A	Reconciliation of the Fracture Mechanics-Derived Critical Flaw Size and Non-Destructive Testing (NDT) Inspection Capability in Support of the Generic Design Assessment of the AP1000® Plant	16-Dec-16			WEC-REG-01485N
SI.02 Fatigue Analysis of ASME III Class 1 Piping						
APP-GW-POC-020	0	AP1000 Piping Fatigue Analysis General Methods and Inputs	11-Sep-13			WEC-REG-0162N
APP-PXS-PLC-001	0	AP1000 DVI Transient Input for ASME Class 1 Piping Fatigue Evaluation	30-Jul-14			WEC-REG-0622N
APP-PXS-PLC-002	0	AP1000 DVI Piping Component Fatigue Analysis	4-Aug-14			WEC-REG-0622N
APP-RCS-PLC-001	0	AP1000 RCS Transients Input for ASME Class 1 Piping Fatigue Evaluations	8-Jul-13			WEC-REG-0622N
APP-RCS-PLC-002	0	AP1000 ADS Stages 1, 2, 3 & PSV Inlet Transients Input for ASME Class 1 Piping Fatigue Evaluations	26-Jul-14			WEC-REG-0622N
APP-RCS-PLC-006	0	AP1000 Automatic Depressurization System Stages 1, 2, and 3 Piping Component Fatigue Analysis	27-Jul-14			WEC-REG-0622N
APP-RCS-PLC-061	1	AP1000 Reactor Coolant Loop Piping Component Fatigue Evaluation	11-Aug-14			WEC-REG-0622N

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Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
APP-RCS-PLC-062	0	AP1000 Pressurizer Spray and Purification Transient History File Input for ASME Class 1 Piping Fatigue Evaluations	21-Jul-14			WEC-REG-0622N
APP-RCS-PLC-063	0	AP1000 Pressurizer Spray and Purification Piping Component Fatigue Analysis	22-Jul-14			WEC-REG-0622N
APP-RCS-PLC-101	0	AP1000 Reactor Coolant Loop Branch Nozzle Component Fatigue Analysis	31-Jul-15			WEC-REG-0622N
APP-RNS-PLC-001	0	AP1000 RNS Transient Input for ASME Class 1 Piping Fatigue Evaluation	8-Aug-14			WEC-REG-0622N
APP-RNS-PLC-002	0	AP1000 RNS Suction Piping Component Fatigue Evaluation	8-Aug-14			WEC-REG-0622N
SI.03 Reactor Coolant Pump – Pump Bowl Integrity Case and Flywheel Disintegration Case						
UKP-GW-GL-793, Appendix 20F	1	AP1000 Pre-Construction Safety Report, Chapter 20 Appendix 20F	31-Jan-17			WEC-REG-01552N
SI.04 Fracture Analysis of Containment Vessel						
UKP-MV50-S2C-036	0	AP1000 Containment Vessel Flaw Tolerance Evaluation	31-Oct-16			WEC-REG-01358N
SI.05 Compliance of AP1000 Main Structural Components with ASME III Design Rules						
APP-MB01-ZOR-100	6	AP1000 Steam Generator ASME Generic Design Report	17-Dec-16			WEC-REG-01490N
APP-ME02-ZOR-100	2	AP1000 Passive Residual Heat Removal Heat Exchanger Generic Design Report	4-Nov-16			WEC-REG-01408N

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	APP-MT01-ZOR-001	4	AP1000 Core Makeup Tank ASME Generic Design Report	30-Apr-14			WEC-REG-0361N
	APP-MV01-ZOC-004	9	AP1000 Reactor Vessel Sizing Calculation	5-Aug-16			WEC-REG-01311N
	APP-MV01-ZOC-050	6	Detailed Analysis of the AP1000 Reactor Vessel Inlet Nozzle	17-Aug-16			WEC-REG-01391N
	APP-MV01-ZOC-060	6	Detailed Analysis of the AP1000 Reactor Vessel Outlet Nozzle	18-Aug-16			WEC-REG-01311N
	APP-MV01-ZOR-101	7	AP1000 Reactor Vessel Design Report	25-Aug-16			WEC-REG-01311N
	APP-MV20-ZOC-107	2	AP1000 Pressurizer Sizing Calculation	2-Sep-16			WEC-REG-01311N
	APP-MV20-ZOR-007	2	AP1000 Pressurizer Lower Head, Support Pad and Shell Analysis	12-Nov-16			WEC-REG-01394N
	APP-MV20-ZOR-008	1	AP1000 Pressurizer Safety Relief Nozzle Analysis	28-Sep-12			WEC-REG-0676N
	APP-MV20-ZOR-009	2	AP1000 Pressurizer Surge Nozzle Analysis	12-Oct-16			WEC-REG-01394N
	APP-MV20-ZOR-016	2	AP1000 Pressurizer Upper Shell and Head Analysis	11-Oct-16			WEC-REG-01394N
	APP-MV20-ZOR-020	3	AP1000 Pressurizer Spray Nozzle Analysis	7-Oct-16			WEC-REG-01394N
	APP-MV20-ZOR-101	4	AP1000 Pressurizer ASME Generic Design Report	17-Nov-16			WEC-REG-01408N

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	Document Number	Rev	Title	Date of Approval	PCSR	ER	Covering Letter
	SI.06 Categorisation and Classification						
	UKP-GW-GL-105	1	AP1000® Plant Review of UK Class 2 Pressure Equipment and Storage Tank Structures, Systems and Components (SSCs)	9-Aug-16			WEC-REG-01180N
	UKP-GW-GL-106	1	AP1000® Plant Safety Class B and C and Accumulator Design ALARP Assessment	16-Mar-16			WEC-REG-0792N
	UKP-GW-GL-107	1	AP1000® Plant Assessment of Impact from Reactor Coolant Pump Failure on Steam Generator Column Report	19-Dec-16			WEC-REG-01498N

*Covering letter submitted during GDA Steps 1-4.