

TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF Title	GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF not applicable to AP1000 design or GTS Rev. 19	TSTF included in AP1000 STS	TSTF already included in GTS Rev. 19 with no variation	TSTF already included in GTS Rev. 19 with variation	TSTF deferred for future consideration	Comments (a)
None			1.2	Logical Connectors						
None			2.0	Safety Limits (SLs)						
None			3.1.1	SHUTDOWN MARGIN (SDM)						
None			3.1.2	Core Reactivity						
None			3.1.4	Rod Group Alignment Limits						
None			3.1.5	Shutdown Bank Insertion Limits						
None			3.1.6	Control Bank Insertion Limits						
None			3.1.8	PHYSICS TESTS Exceptions – MODE 2						
None			3.1.9	Chemical and Volume Control System (CVS) Demineralized Water Isolation Valves and Makeup Line Isolation Valves						
None			3.2.2	Nuclear Enthalpy Rise Hot Channel Factor						
None			3.2.3	AXIAL FLUX DIFFERENCE (AFD) (Relaxed Axial Offset Control (RAOC) Methodology)						
None			3.2.5	OPDMS-Monitored Parameters						
None			3.3.19	Diverse Actuation System (DAS) Manual Controls						
None			3.4.1	RCS Pressure, Temperature, and Flow DNB Limits						
None			3.4.2	RCS Minimum Temperature for Criticality						
None			3.4.5	Pressurizer						
None			3.4.11	Automatic Depressurization System (ADS) – Operating						
None			3.4.12	Automatic Depressurization System (ADS) – Shutdown, RCS Intact						
None			3.4.13	Automatic Depressurization System (ADS) – Shutdown, RCS Open						
None			3.4.16	Reactor Vessel Head Vent (RVHV)						
None			[GTS 3.4.17]	Chemical and Volume Control System (CVS) makeup Isolation Valves						Note that requirements for CVS makeup isolation valves were moved to STS Subsection 3.1.9; Vogtle Electric Generating Plant Units 3 and 4 (VEGP 3&4) COL Amendment 13
None			3.5.5	Passive Residual Heat Removal Heat Exchanger (PRHR HX) – Shutdown, Reactor Coolant System (RCS) Intact						
None			3.5.6	In-containment Refueling Water Storage Tank (IRWST) – Operating						
None			3.5.7	In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 5						
None			3.5.8	In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 6						
None			3.6.4	Containment Pressure						
None			3.6.6 [GTS 3.6.7]	Passive Containment Cooling System (PCS) - Shutdown						
None			3.6.7 [GTS 3.6.8]	Containment Penetrations						
None			3.7.4	Secondary Specific Activity						
None			3.7.5	Spent Fuel Pool Water Level						
None			3.7.7	Startup Feedwater Isolation and Control Valves						
None			3.7.8	Main Steam Line Leakage						
None			3.7.9	Spent Fuel Pool Makeup Water Sources						
None			3.7.11	Spent Fuel Pool Boron Concentration						
None			3.7.12	Spent Fuel Pool Storage						
None			3.9.4	Refueling Cavity Water Level						

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None			[GTS 3.9.5]	Containment Penetrations						VEGP 3&4 License Amendment Request (LAR) Discussion of Change (DOC) R1 relocated plant-specific TS (PTS) Subsection 3.9.5 to Technical Requirements Manual (TRM), VEGP 3&4 COL Amendment 13
None			[GTS 3.9.6]	Containment Air Filtration System (VFS)						VEGP 3&4 LAR DOC R2 relocated PTS Subsection 3.9.6 to Technical Requirements Manual (TRM), VEGP 3&4 COL Amendment 13
None			3.9.5 [GTS 3.9.7]	Decay Time						VEGP 3&4 LAR DOCs R1 and R2 renumber PTS Subsection 3.9.7 as Subsection 3.9.5; VEGP 3&4 COL Amendment 13
None			4.0	Design Features						
None			5.3	Unit Staff Qualifications						VEGP 3&4 PTS COL Items 5.3 and 5.3.1 made changes to PTS Section 5.3
None			5.4	Procedures						
None			5.5.5	Secondary Water Chemistry Program						
None			5.5.6	Technical Specifications (TS) Bases Control Program						
None			5.5.9	System Level OPERABILITY Testing Program						
None			5.5.10	Component Cyclic or Transient Limit						
None			5.5.13	Ventilation Filter Testing Program						
None			5.5.14	Setpoint Control Program						
None			5.7	High Radiation Area						
TSTF-006-A	ML040340457	Add Exception for LCO 3.0.7 to LCO 3.0.1	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability		TSTF-006-A				TSTF-006-A, Revision 1, was incorporated into Revision 2 of the STS NUREG series, which is the reported basis for the AP1000 GTS. However, TSTF-006 was not included in the AP1000 GTS and it appears that TSTF-006 should be included because it provides an appropriate exception for LCO 3.0.7. This is also consistent with VEGP LAR DOC A005.
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.3.16	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic – Shutdown					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.7.6	Main Control Room Emergency Habitability System (VES)					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.8.2	DC Sources - Shutdown					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.8.4	Inverters - Shutdown					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.8.6	Distribution Systems - Shutdown					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.9.1	Boron Concentration					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."
TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations	3.9.4	Refueling Cavity Water Level					TSTF-051-A	TSTF-51-A eliminates the use of the term CORE ALTERATION as in TSTF-471-A. TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03). The part of this traveler that adds "recently" before "irradiated fuel" in Applicability statements is deferred in case it can be shown that such a change is needed even with Specification 3.9.5 "Decay Time."

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TSTF-052-A	ML040400371	Implement 10 CFR 50, Appendix J, Option B	3.6.1	Containment		TSTF-52-A				Subsection 3.6.1 of GTS Rev. 19 already includes some of the TSTF-52-A changes. The remaining TSTF-52-A changes are incorporated in AP1000 STS 3.6.1.
TSTF-052-A	ML040400371	Implement 10 CFR 50, Appendix J, Option B	3.6.2	Containment Air Locks		TSTF-52-A				Subsection 3.6.2 of GTS Rev. 19 already includes some of the TSTF-52-A changes. The remaining TSTF-52-A changes are incorporated in AP1000 STS 3.6.2.
TSTF-065-A	ML040080572	Use of generic titles for utility positions	5.1	Responsibility		TSTF-65-A				TSTF-65-A was incorporated in VEGP 3&4 PTS in COL Items 5.1.1 and 5.1.2
TSTF-065-A	ML040080572	Use of generic titles for utility positions	5.2	Organization		TSTF-65-A				TSTF-65-A was incorporated in VEGP 3&4 PTS in COL Item 5.2.1
TSTF-071-A	ML040440038	Add Example of SFDP to the 3.0.6 Bases	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability	TSTF-071-A					TSTF-071-A have not been included in the AP1000 GTS, whereas, TSTF-273-A was included. Incorporating these two TSTFs into the AP1000 STS would make the AP1000 STS consistent with all of the current STS (NUREGs 1430 through 1434). The APOG commented that "This Bases-only change is generally not adopted by most plant-specific ISTS conversions (for example, it is currently not in VEGP Units 1 and 2 Bases). The Bases examples are not considered to be helpful, especially given the plant-specific details provided in procedures." Therefore, TSTF-071-A is not included as not being applicable to GTS Rev. 19.
TSTF-122-A	ML040480070	Revise LCO 3.0.2 Bases to Remove Possible Confusion	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability		TSTF-122-A				TSTF-122 was not included in the AP1000GTS and it appears that TSTF-122 should be included because it provides clarification for the LCO 3.0.2 bases discussion.
TSTF-153-A	ML040500741	Clarify Exception Notes to be Consistent with the Requirement Being Excepted	3.4.4	RCS Loops		TSTF-153-A				TSTF-153-A, Revision 0, was not applied to the AP1000 GTS. However, TSTF-438-A, Revision 0, supersedes TSTF-153-A and is applied by this GTST. TSTF-153 is included for informational purposes.
TSTF-153-A	ML040500741	Clarify Exception Notes to be Consistent with the Requirement Being Excepted	3.4.8	Minimum RCS Flow		TSTF-153-A				TSTF-153-A, Revision 0, was not applied to the AP1000 GTS. However, TSTF-438-A, Revision 0, supersedes TSTF-153-A and is applied by this GTST. TSTF-153 is included for informational purposes.
TSTF-165-A		Revise the LCO 3.0.5 Bases to Refer to Testing and Not SRs	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability		TSTF-165-A				
TSTF-166-A	ML040500817	Correct Inconsistency between LCO 3.0.6 and the SFDP Regarding Performance of an Evaluation	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability		TSTF-166-A				TSTF-166-A was not included in the AP1000 GTS, whereas, TSTF-273-A was included. Incorporating these two TSTFs into the AP1000 STS would make the AP1000 STS consistent with all of the current STS (NUREGs 1430 to 1434).
TSTF-205-A	ML040570179	Revision of Channel Calibration, Channel Functional Test, and Related Definitions	3.4.9	RCS Leakage Detection Instrumentation		TSTF-205-A				The bases discussion of SR 3.4.9.2 is revised to add clarity regarding a successful Channel Operational Test.
TSTF-258-A	ML040620102	Changes to Section 5.0, Administrative Controls	5.5.2	Radioactive Effluent Controls Program		TSTF-258-A				TSTF-258-A was incorporated in VEGP 3&4 PTS Subsection 5.5.2 by COL Amendment 13 (DOC L23)
TSTF-273-A	ML040611069	SFDP Clarifications	5.5.7	Safety Function Determination Program (SFDP)				TSTF-273-A		Subsection 5.5.7 of GTS Rev. 19 does not include the text used in TSTF-273-A regarding the use of diesel generators (DGs) because the AP1000 DGs are not safety related and are not included in GTS.
TSTF-273-A	ML040611069	SFDP Clarifications	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability			TSTF-273-A			Note that TSTF-273-A was incorrectly incorporated into the last sentence of the Bases for GTS LCO 3.0.6. AP1000 STS 3.0.6 corrects the error.
TSTF-279-A	ML040611066	Remove "applicable supports" from Inservice Testing Program	5.5.3	Inservice Testing Program		TSTF-279-A				
TSTF-343-A	Request copy of TSTF from NRC contact for GTST	Containment Structural Integrity	3.6.1	Containment	TSTF-343-A					AP1000 GTS did not include the exceptions made by TSTF-343 for the testing of the containment leakage. The exceptions are for prestressed concrete structure. This does not apply to AP1000 containment design.
TSTF-343-A	Request copy of TSTF from NRC contact for GTST	Containment Structural Integrity	5.5.8	Containment Leakage Rate Testing Program	TSTF-343-A					Subsection 5.5.8 of GTS Rev. 19 does not include the two exceptions made by TSTF-343 for the testing of the containment leakage. The exceptions are for a containment structure using prestressed concrete, which does not apply to the AP1000 containment design.
TSTF-347-A	ML020320408	P-7 Surveillance	3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-347-A					TSTF-347-A is not applicable to the AP1000 design. AP1000 has no P-7 interlock.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability					TSTF-359-A	LCO 3.0.4 statement is clarified.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	SR 3.0	Surveillance Requirement (SR) Applicability					TSTF-359-A	LCO 3.0.4 statement is clarified.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.3.17	Post Accident Monitoring (PAM) Instrumentation					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.3.18	Remote Shutdown Workstation (RSW)					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.4.9	RCS Leakage Detection Instrumentation					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.4.10	RCS Specific Activity					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.4.14	Low Temperature Overpressure Protection (LTOP) System					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.5.3	Core Makeup Tanks (CMTs) - Shutdown, Reactor Coolant System (RCS) Intact					TSTF-359-A	The AP1000 design does not utilize pumps in the passive core cooling system (PXS).

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TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating					TSTF-359-A	The AP1000 PRHR HX differs in design compared to the conventional Westinghouse AFW system design.
TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints	3.7.10	Steam Generator (SG) Isolation Valves					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications. However, there is no such Note in TS 3.7.10.
TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report	1.1	Definitions		TSTF-369-A				
TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report	3.3.17	Post Accident Monitoring (PAM) Instrumentation		TSTF-369-A				Reporting Requirements have been changed prompting a renumbering within TS 5.6.
TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report	5.5.1	Offsite Dose Calculation Manual (ODCM)		TSTF-369-A				TSTF-369-A was incorporated in VEGP 3&4 PTS Subsection 5.5.1 by COL Amendment 13 (DOC L02)
TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report	5.6	Reporting Requirements		TSTF-369-A				TSTF-369-A was incorporated in VEGP 3&4 PTS Subsection 5.6.1 by COL Amendment 13 (DOC L02)
TSTF-370-A	ML003771348	Increase accumulator Completion Time from 1 hour to 24 hours (WCAP-15049)	3.5.1	Accumulators	TSTF-370-A					The AP1000 accumulator design and associated required action completion times in Subsection 3.5.1 of GTS Rev. 19 differ from the accumulator design of the conventional Westinghouse plant and the associated required action completion times in WOG STS Subsection 3.5.1.
TSTF-371-A	ML020670135	NIS Power Range Channel Daily SR TS Change to Address Low Power Decalibration	3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-371-A					TSTF-371-A is not applicable to the AP1000 design. The prescribed absolute differences in NIS channels that require a channel adjustment are different for AP1000. Also, the reactor thermal power thresholds for starting the time clocks on SRs are different for the AP1000.
TSTF-372-A	ML041200567	Addition of LCO 3.0.9, Inoperability of Snubbers	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability					TSTF-372-A	Adds LCO for inoperability of snubbers.
TSTF-401-A	ML011620490	Revise Incorrect Bases for Containment Air Temperature	3.6.5	Containment Air Temperature		TSTF-401-A				Discussion of peak accident temperature maintained below the containment design temperature is revised. The AP1000 original wording differs from the original wording of the WOG STS, but the change is still applicable.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.7	Reactor Trip System (RTS) Trip Actuation Devices	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.10	Engineered Safety Feature Actuation System (ESFAS) Reactor Coolant System (RCS) Hot Leg Level	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.11	QUADRANT POWER TILT RATIO (QPTR)	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.13	Engineered Safety Feature Actuation System (ESFAS) Control Room Air Supply Radiation Instrumentation	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.14	Engineered Safety Feature Actuation System (ESFAS) Spent Fuel Pool Level Instrumentation	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.15	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Operating	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	3.3.16	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Shutdown	TSTF-411-A					TSTF-411 is based on WCAP-15376-P, which did not consider the AP1000 design in the analysis.
TSTF-412-A	ML070100363	Provide Actions for One Steam Supply to Turbine Driven AFW/EFW Pump Inoperable	3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating	TSTF-412-A					The AP1000 PXS design does not utilize AFW pumps for safety related decay heat removal.
TSTF-412-A	ML070100363	Provide Actions for One Steam Supply to Turbine Driven AFW/EFW Pump Inoperable	3.7	Plant Systems	TSTF-412-A					The AP1000 design does not utilize auxiliary feedwater (AFW) pumps.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.4	Reactor Trip System (RTS) Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.6	Reactor Trip System (RTS) Automatic Trip Logic	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.7	Reactor Trip System (RTS) Trip Actuation Devices	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.9	Engineered Safety Feature Actuation System (ESFAS) Manual Initiation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.10	Engineered Safety Feature Actuation System (ESFAS) Reactor Coolant System (RCS) Hot Leg Level	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.

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TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF Title	GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF not applicable to AP1000 design or GTS Rev. 19	TSTF included in AP1000 STS	TSTF already included in GTS Rev. 19 with no variation	TSTF already included in GTS Rev. 19 with variation	TSTF deferred for future consideration	Comments (a)
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.11	QUADRANT POWER TILT RATIO (QPTR)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.12	Engineered Safety Feature Actuation System (ESFAS) Reactor Trip Initiation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.13	Engineered Safety Feature Actuation System (ESFAS) Control Room Air Supply Radiation Instrumentation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.14	Engineered Safety Feature Actuation System (ESFAS) Spent Fuel Pool Level Instrumentation	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.15	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Operating	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	3.3.16	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Shutdown	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
TSTF-419-A	ML012690234	Revise PTLR Definition and References in ISTS 5.6.6, RCS PTLR	1.1	Definitions		TSTF-419-A				TSTF-419-A was incorporated in VEGP 3&4 plant-specific TS (PTS) in COL Amendment 13 (DOC L04)
TSTF-419-A	ML012690234	Revise PTLR Definition and References in ISTS 5.6.6, RCS PTLR	5.6	Reporting Requirements				TSTF-419-A		TSTF-419-A revised the bracketed text of WOG STS Subsection 5.6.6 to require including the date for approved documents. GTS Subsection 5.6.6 included documents specific to its design, with no brackets.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.1	Reactivity Control Systems					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.2	Core Operating Limits					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.3	Instrumentation					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.4	Reactor Coolant System (RCS)					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.5	Passive Core Cooling System (PXS)					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.6	Containment Systems					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.7	Plant Systems					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b	3.8	Electrical Power Systems					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-427-A	ML061240055	Allowance for Non-Technical Specification Barrier Degradation on Supported System OPERABILITY	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability					TSTF-427-A	Adds LCO for barrier degradation.
TSTF-432	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.8.1	DC Sources – Operating	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
TSTF-432	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.8.3	Inverters – Operating	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
TSTF-432	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.8.5	Distribution Systems – Operating	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.3	Instrumentation					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.4	Reactor Coolant System (RCS)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.5	Passive Core Cooling System (PXS)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.6	Containment Systems					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	3.7	Plant Systems					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-434-A	ML021580320	Clarifying SR 3.0.1 Bases to state that Surveillance can be performed in steps	SR 3.0	Surveillance Requirement (SR) Applicability		TSTF-434-A				
TSTF-437-T	Request copy of TSTF from NRC contact for GTST	Correction of Rod Position Indication Condition	3.1.7	Rod Position Indication					TSTF-437-T	This traveler was not included in NUREG-1431 Rev 3 or 4; Appears to be succeeded by pending TSTF-547, Rev. 0 (ML14065A582)
TSTF-438-A	ML021580334	Clarify Exception Notes to be Consistent with the Requirement Being Excepted	3.4.4	RCS Loops		TSTF-438-A				TSTF-438-A clarifies when all RCPs may be removed from operation.
TSTF-438-A	ML021580334	Clarify Exception Notes to be Consistent with the Requirement Being Excepted	3.4.8	Minimum RCS Flow		TSTF-438-A				TSTF-438-A clarifies when all RCPs may be removed from operation.
TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	1.3	Completion Times		TSTF-439-A				TSTF-439-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L04)
TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating	TSTF-439-A					GTS Rev. 19, Subsection 3.5.4 does not include equivalent Required Actions, due to design differences.

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TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	3.6.6	Passive Containment Cooling System (PCS)	TSTF-439-A					The AP1000 LCO does not include equivalent Required Actions, due to the design differences between the PCS and the containment cooling systems provided by the conventional Westinghouse plant's pre-stressed concrete large dry containment.
TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	3.8.5	Distribution Systems – Operating		TSTF-439-A				VEGP LAR DOC L04 is consistent with TSTF-439-A.
TSTF-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown	3.6.3	Containment Isolation Valves		TSTF-440-A				TSTF-440-A removes specific requirements to perform a system walkdown when verifying that a flow path is isolated or that valves are in the correct position.
TSTF-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown	3.6.6	Passive Containment Cooling System (PCS)		TSTF-440-A				TSTF-440-A removes specific requirements to perform a system walkdown when verifying that a flow path is isolated or that valves are in the correct position.
TSTF-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown	3.6.8 [3.6.9]	pH Adjustment	TSTF-440-A					GTS Rev. 19 Subsection 3.6.9 does not include a similar Surveillance Requirement.
TSTF-444-T	ML022470169	ESFAS Interlocks P-4, P-11 & P-12 LCO Actions and Surveillance Requirements Revisions	3.3.12	Engineered Safety Feature Actuation System (ESFAS) Reactor Trip Initiation	TSTF-444-T					TSTF-444-T is not applicable to the AP1000 GTS. The AP1000 design for the P-4, P-11, and P-12 interlocks is different than the NUREG-1431 design regarding the number of required channels and the implementation hardware.
TSTF-444-T	ML022470169	ESFAS Interlocks P-4, P-11 & P-12 LCO Actions and Surveillance Requirements Revisions	3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-444-T					TSTF-444-T is not applicable to the AP1000 GTS. The AP1000 design for the P-4, P-11, and P-12 interlocks is different than the NUREG-1431 design regarding the number of required channels and the implementation hardware.
TSTF-446-A	ML080510164	Risk Informed Evaluation of Extensions to Containment Isolation Valve Completion Times (WCAP-15791)	3.6	Containment Systems					TSTF-446-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-447-A	ML032020007	Elimination of Hydrogen Recombiners and Change to Hydrogen and Oxygen Monitors	5.6	Reporting Requirements	TSTF-447-A					Along with deleting Condition D ("Two hydrogen monitor channels inoperable") of Subsection 3.3.3 from WOG STS Rev. 2, in Subsection 5.6.7, TSTF-447 changed the reference to the actions table of Subsection 3.3.3 from "Condition G of LCO 3.3.[3]" to "Condition F of LCO 3.3.[3]"; this change is irrelevant to GTS Rev. 19 because GTS Subsection 3.3.3 includes neither Condition D nor Condition G ("As required by Required Action E.1 and referenced in Table 3.3.3-1") of WOG STS Rev. 2. That is, GTS Subsection 5.6.7 does not reference a Condition G; GTS 5.6.7 only references "Condition B of LCO 3.3.3." GTS 3.3.3 Action B which states: "Required Action and associated Completion Time of Condition A not met.   B.1 Initiate action in accordance with Specification 5.6.7.   Immediately"
TSTF-447-A	ML032020007	Elimination of Hydrogen Recombiners and Change to Hydrogen and Oxygen Monitors	3.3.17	Post Accident Monitoring (PAM) Instrumentation				TSTF-447-A		Subsection 3.3.3 of GTS Rev. 19 is consistent with TSTF-447-A.
TSTF-448-A	ML062210095 ML063630467	Control Room Habitability	3.7.6	Main Control Room Emergency Habitability System (VES)			TSTF-448-A			TSTF-448-A is included in Subsection 3.7.6 of GTS Rev. 19.
TSTF-448-A	ML062210095	Control Room Habitability Section 5.5.13: Ventilation Filter Testing Program	5.5.12	Main Control Room Envelope Habitability Program				TSTF-448-A		Subsection 5.5.12 was included in GTS Rev. 19 to incorporate TSTF-448, with minor changes to the text as appropriate to its design.
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	1.1	Definitions			TSTF-449-A			
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	5.6	Reporting Requirements		TSTF-449-A				TSTF-471-A was incorporated in VEGP 3&4 PTS Subsection 5.6.6 [5.6.8] by COL Amendment 13 (DOC L03)
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	3.4.18	Steam Generator (SG) Tube Integrity			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.18 of GTS Rev 19.
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	3.4.4	RCS Loops			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.4 of GTS Rev. 19.
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	3.4.7	RCS Operational Leakage			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.7 of GTS Rev. 19.
TSTF-449-A	ML051090200	Steam Generator Tube Integrity	5.5.4	Steam Generator (SG) Program				TSTF-449-A		TSTF-449-A was incorporated in VEGP 3&4 PTS Subsection 5.5.4 by COL Amendment 13 (DOC L04)
TSTF-451-T	Request copy of TSTF from NRC contact for GTST	Correct the Battery Monitoring and Maintenance Program and the Bases of SR 3.8.4.2	3.8.1	DC Sources – Operating		TSTF-451-T				TSTF-451-T was incorporated in VEGP 3&4 PTS in COL Amendment 13
TSTF-451-T	Request copy of TSTF from NRC contact for GTST	Correct the Battery Monitoring and Maintenance Program and the Bases of SR 3.8.4.2	5.5.11	Battery Monitoring and Maintenance Program		TSTF-451-T				
TSTF-453-T	Request copy of TSTF from NRC contact for GTST	Addition of New Tech Spec on RCS Boron Limits and Revisions to Tech Spec 3.3.1 to address RWFS	3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-453-T					TSTF-453-T is not applicable to the AP1000 design because it is based on Westinghouse NSAL-00-016 the proposed changes, which did not consider the AP1000 design.
TSTF-469-T	Request copy of TSTF from NRC contact for GTST	Correct Action to Suspend Positive Reactivity Additions	3.3.2	Reactor Trip System (RTS) Source Range Instrumentation		TSTF-469-T				Required Actions which prohibit positive reactivity additions are corrected to prohibit positive reactivity additions that could result in a loss of required SDM.
TSTF-469-T	Request copy of TSTF from NRC contact for GTST	Correct Action to Suspend Positive Reactivity Additions	3.3.3	Reactor Trip System (RTS) Intermediate Range Instrumentation		TSTF-469-T				Required Actions which prohibit positive reactivity additions are corrected to prohibit positive reactivity additions that could result in a loss of required SDM.

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TSTF-470-T	Request copy of TSTF from NRC contact for GTST	Correct Titles and References in PAM Instrumentation Bases	3.3.17	Post Accident Monitoring (PAM) Instrumentation				TSTF-470-T		Subsection 3.3.3 of GTS Rev. 19 is consistent with TSTF-470-T.
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	1.1	Definitions		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.8.4	Inverters – Shutdown		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.8.6	Distribution Systems – Shutdown		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.9.1	Boron Concentration		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.9.2	Unborated Water Source Flow Paths		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.9.3	Nuclear Instrumentation		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes	3.8.2	DC Sources – Shutdown		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
TSTF-475-A	ML071420428	Control Rod Notch Testing Frequency and SRM Insert Control Rod Action	1.4	Frequency		TSTF-475-A				
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.4.14	Low Temperature Overpressure Protection (LTOP) System			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.14 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.4.15	RCS Pressure Isolation Valve Leakage			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.15 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.4.6	Pressurizer Safety Valves			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.6 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.5.2	Core Makeup Tanks (CMTs) - Operating	TSTF-479-A					The AP1000 design does not utilize pumps in the passive core cooling system (PXS).
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating	TSTF-479-A					The AP1000 PRHR HX differs in design compared to the conventional Westinghouse AFW system design.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.6.9 [3.6.10]	Vacuum Relief Valves				TSTF-479-A		The AP1000 already includes the use of "ASME OM Code" in the Bases for verifying operability of vacuum relief flow path.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.6.6	Passive Containment Cooling System (PCS)	TSTF-479-A					The AP1000 PCS design does not utilize containment spray pumps.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.7.1	Main Steam Safety Valves (MSSVs)			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.1 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.7.2	Main Steam Isolation Valves (MSIVs)			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.2 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	3.7.3	Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.3 of GTS Rev. 19.
TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	5.5.3	Inservice Testing Program		TSTF-479-A				TSTF-479-A was incorporated in VEGP 3&4 PTS Subsection 5.5.3 by COL Amendment 13 (DOCs A119 and L24)
TSTF-481-T	Request copy of TSTF from NRC contact for GTST	Correct Bases for LTOP COT	3.4.14	Low Temperature Overpressure Protection (LTOP) System	TSTF-481-T					TSTF-481-T clarifies WOG STS SR 3.4.12.8 regarding a COT on the PORVs to verify that the PORV is capable of performing its LTOP function. The AP1000 design does not utilize pressurizer PORVs to provide LTOP protection and a similar SR for the AP1000 does not exist.
TSTF-482-A	ML050530165	Correct LCO 3.0.6 Bases	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability		TSTF-482-A				
TSTF-483-T	Request copy of TSTF from NRC contact for GTST	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	3.2.4	QUADRANT POWER TILT RATIO (QPTR)	TSTF-483-T					TSTF-483-T is based on Westinghouse Topical report for operating reactors. No analysis is available for AP1000.
TSTF-483-T	Request copy of TSTF from NRC contact for GTST	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-483-T					TSTF-483-T is not applicable to the AP1000 GTS. TSTF-483-T is follow-on to TSTF-418-A, which relaxed TS completion times based on WCAP-14333-P. WCAP-14333-P did not consider the AP1000 design in the analysis.
TSTF-483-T	Request copy of TSTF from NRC contact for GTST	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-483-T					TSTF-483-T is not applicable to the AP1000 GTS. TSTF-483-T is follow-on to TSTF-418-A, which relaxed TS completion times based on WCAP-14333-P. WCAP-14333-P did not consider the AP1000 design in the analysis.
TSTF-485-A	ML051570066	Correct Example 1.4-1	1.4	Frequency			TSTF-485-A			
TSTF-490-A	ML052630462	Deletion of E Bar definition and revision to RCS specific activity	1.1	Definitions				TSTF-490-A		GTS 1.1 deleted the definition of E Bar (similar to TSTF-490-A) but kept its definition of Dose Equivalent I-131
TSTF-490-A	ML052630462	Deletion of E Bar definition and revision to RCS specific activity	5.6	Reporting Requirements				TSTF-490-A		GTS 1.1 deleted the definition of E Bar (similar to TSTF-490-A) but kept its definition of Dose Equivalent I-131
TSTF-491-A	ML061500078	Removal of Main Steam and Main Feedwater Valve Isolation Times From Technical Specifications	3.7.2	Main Steam Isolation Valves (MSIVs)		TSTF-491-A				Generic Letter 93-08 indicates that equipment actuation times do not need to be in the technical specifications.
TSTF-491-A	ML061500078	Removal of Main Steam and Main Feedwater Valve Isolation Times From Technical Specifications	3.7.3	Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)		TSTF-491-A				Generic Letter 93-08 indicates that equipment actuation times do not need to be in the technical specifications.

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TSTF-493-A	ML101160026	Clarify Application of Setpoint Methodology for LSSS Functions	3.3	Instrumentation					TSTF-493-A	Setpoint program of GTS 5.5.14 was added to support combined license requirements of 10 CFR 52.9(c) and predates the setpoint program proposed by TSTF-493 that is oriented towards currently operating plants licensed under 10 CFR Part 50.
TSTF-494-T	ML093350037	Correct Bases Discussion of Figure B3.0-1	LCO 3.0	Limiting Conditions for Operation (LCO) Applicability	TSTF-494-T					
TSTF-497-A	ML061930221	Limit Inservice Testing Program SR 3.0.2 Application to Frequencies of 2 Years or Less	5.5.3	Inservice Testing Program		TSTF-497-A				TSTF-497-A was incorporated in VEGP 3&4 PTS Subsection 5.5.3 by COL Amendment 13 (DOC L24)
TSTF-499-T	Request copy of TSTF from NRC contact for GTST	Revise TS 3.4.3 Bases to Exclude the Pressurizer Surge Line from the P/T Limits	3.4.3	RCS Pressure and Temperature (P/T) Limits		TSTF-499-T				This correction clears up any possible ambiguity related to the pressurizer surge line.
TSTF-500	ML092670242	DC Electrical Rewrite - Update to TSTF-360	3.8.1	DC Sources – Operating		TSTF-500				Some of the changes in TSTF-500 were already included in GTS Rev. 19; VEGP 3&4 LAR DOC L22 addresses changes similar to TSTF-500 that were incorporated by Amendment 13 in the VEGP 3&4 plant-specific TS.
TSTF-500	ML092670242	DC Electrical Rewrite - Update to TSTF-360	3.8.2	DC Sources – Shutdown		TSTF-500				
TSTF-500	ML092670242	DC Electrical Rewrite - Update to TSTF-360	3.8.7	Battery Parameters		TSTF-500				VEGP LAR DOC L21 is consistent with TSTF-500.
TSTF-500	ML092670242	DC Electrical Rewrite - Update to TSTF-360	5.5.11	Battery Monitoring and Maintenance Program		TSTF-500				
TSTF-504-T	Request copy of TSTF from NRC contact for GTST	Revised the MSIV and MFIV Specifications to Provide Actions for Actuator Trains	3.7.2	Main Steam Isolation Valves (MSIVs)	TSTF-504-T					TSTF-504-T, Rev. 0 revises WOG Specification 3.7.2 based on license amendments granted for Wolf Creek, Callaway, and Palo Verde regarding dual actuator trains for isolation valves. The Westinghouse plant design feature addressed by this TSTF is not applicable to AP1000 MSIV and MFIV actuator design.
TSTF-504-T	Request copy of TSTF from NRC contact for GTST	Revise the MSIV and MFIV Specifications to Provide Actions for Actuator Trains	3.7.3	Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)	TSTF-504-T					TSTF-504-T, Rev. 0 revises WOG Specification 3.7.3 based on license amendments granted for Wolf Creek, Callaway, and Palo Verde regarding dual actuator trains for isolation valves. The Westinghouse plant design feature addressed by this TSTF is not applicable to AP1000 MSIV and MFIV actuator design.
TSTF-505-A	Request copy of TSTF from NRC contact for GTST	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b	3.3	Instrumentation					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-505-A	Request copy of TSTF from NRC contact for GTST	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b	3.4	Reactor Coolant System (RCS)					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-505-A	Request copy of TSTF from NRC contact for GTST	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b	3.5	Passive Core Cooling System (PXS)					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-505-A	Request copy of TSTF from NRC contact for GTST	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b	3.6	Containment Systems					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-505-A	Request copy of TSTF from NRC contact for GTST	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b	3.7	Plant Systems					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection	5.6	Reporting Requirements		TSTF-510-A				TSTF-510-A includes changes to NUREG-1431 that add optional SG repair criteria denoted by square brackets. Such SG repair criteria do not currently exist for AP1000 plants. Therefore, this GTST does not replace the phrase "tube repair criteria" with "plugging [or repair] criteria"; neither does it replace "plugged" with "plugged [or repaired]" where these terms occur in the LCO statement, Condition and Required Action statements, and Surveillance statements of GTS Subsection 3.4.18, nor in the 'LCO,' 'Actions,' and 'SRs' sections of the Bases. Omitted bracketed material from paragraph 5.6.6.f and bracketed paragraph 5.6.6.h from STS Subsection 5.6.6

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TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF Title	GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF not applicable to AP1000 design or GTS Rev. 19	TSTF included in AP1000 STS	TSTF already included in GTS Rev. 19 with no variation	TSTF already included in GTS Rev. 19 with variation	TSTF deferred for future consideration	Comments (a)
TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection	5.5.4	Steam Generator (SG) Program		TSTF-510-A				TSTF-471-A was incorporated in VEGP 3&4 PTS Subsection 5.5.4 by COL Amendment 13 (DOC L03)  TSTF-510-A includes changes to NUREG-1431 that add optional SG repair criteria denoted by square brackets. Such SG repair criteria do not currently exist for AP1000 plants. Therefore, this GTST does not replace the phrase "tube repair criteria" with "plugging [or repair] criteria"; neither does it replace "plugged" with "plugged [or repaired]" where these terms occur in the LCO statement, Condition and Required Action statements, and Surveillance statements of GTS Subsection 3.4.18, nor in the 'LCO,' 'Actions,' and 'SRs' sections of the Bases.  Omitted bracketed material from AP1000 STS Subsection 5.5.4, and also omitted the TSTF-510 Reviewer's Note from Specification 5.5.4.d.2, since it addresses optional content not being adopted in AP1000 STS Subsection 5.5.4.
TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection	3.4.17 [GTS 3.4.18]	Steam Generator (SG) Tube Integrity		TSTF-510-A				TSTF-510-A includes changes to NUREG-1431 that add optional SG repair criteria denoted by square brackets. Such SG repair criteria do not currently exist for AP1000 plants. Therefore, this GTST does not replace the phrase "tube repair criteria" with "plugging [or repair] criteria"; neither does it replace "plugged" with "plugged [or repaired]" where these terms occur in the LCO statement, Condition and Required Action statements, and Surveillance statements of GTS Subsection 3.4.18, nor in the 'LCO,' 'Actions,' and 'SRs' sections of the Bases.
TSTF-511-A	ML082610292	Eliminate Working Hour Restrictions from TS 5.2.2 to Support Compliance with 10 CFR Part 26	5.2	Organization		TSTF-511-A				TSTF-511-A was incorporated in VEGP 3&4 PTS in COL Item 5.2.2
TSTF-513-A	ML102360355	Revise PWR Operability Requirements and Actions for RCS Leakage Instrumentation	3.4.9	RCS Leakage Detection Instrumentation		TSTF-513-A				TSTF-513-A, Rev 3 revises the Bases to clearly define the RCS leakage detection instrumentation Operability requirements
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.2.1	Heat Flux Hot Channel Factor (F <sub>Q</sub> (Z)) (F <sub>Q</sub> Methodology)				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.1	Reactor Trip System (RTS) Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.10	Engineered Safety Feature Actuation System (ESFAS) Reactor Coolant System (RCS) Hot Leg Level Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.11	QUADRANT POWER TILT RATIO (QPTR)				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.12	Engineered Safety Feature Actuation System (ESFAS) Reactor Trip Initiation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.13	Engineered Safety Feature Actuation System (ESFAS) Control Room Air Supply Radiation Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.14	Engineered Safety Feature Actuation System (ESFAS) Spent Fuel Pool Level Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.15	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Operating				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.16	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Shutdown				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.2	Reactor Trip System (RTS) Source Range Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.3	Reactor Trip System (RTS) Intermediate Range Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.4	Reactor Trip System (RTS) Engineered Safety Feature Actuation System (ESFAS) Instrumentation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.5	Reactor Trip System (RTS) Manual Actuation				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.6	Reactor Trip System (RTS) Automatic Trip Logic				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.7	Reactor Trip System (RTS) Trip Actuation Devices				TSTF-519-T		
TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation				TSTF-519-T		

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TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes	3.3.9	Engineered Safety Feature Actuation System (ESFAS) Manual Initiation			TSTF-519-T			
TSTF-522-A		Revise Ventilation System Surveillance Requirements to Operate for 10 hours per Month	3.7.6	Main Control Room Emergency Habitability System (VES)						GTS SR 3.7.6.4, to operate VES for ≥ 15 minutes with a 31 day Frequency, matches the change approved in this traveler for Westinghouse STS SR 3.7.10, except that SR 3.7.6.4 does not include the word "continuous" before "minutes."
TSTF-522-A		Revise Ventilation System Surveillance Requirements to Operate for 10 hours per Month	[GTS 3.9.6]	[Containment Air Filtration System (VFS)]	TSTF-522-A					GTS 3.9.6 / PTS 3.9.6 was relocated from VEGP Units 3 and 4 PTS by Amendment 13; therefore TSTF-522-A does not apply, since the VFS has no heater surveillance requirements in the AP1000 STS.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.2	Core Makeup Tanks (CMTs) - Operating	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.3	CMTs - Shutdown, RCS Intact	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.5	PRHR HX - Shutdown, RCS Intact	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.6	In Containment Refueling Water Storage Tank (IRWST) - Operating	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.7	IRWST - Shutdown, MODE 5	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	3.5.8	IRWST - Shutdown, MODE 6	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
TSTF-524-T	Request copy of TSTF from NRC contact for GTST	Clarify the Application of SR 3.0.2 to SR 3.1.3.2, MTC	3.1.3	Moderator Temperature Coefficient (MTC)				TSTF-524-T		Superseded by VEGP LAR DOC A009, which replaces a surveillance column note with a surveillance frequency. TSTF-524-T modified the surveillance column note to clarify the application of SR 3.0.2.

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