

Summary of Generic Changes to NUREG-1431, Standard Technical Specifications, Westinghouse Plants, Considered for Inclusion in Westinghouse Advanced Passive 1000 (AP1000) Standard Technical Specifications, Revision 0

GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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)
1.1	Definitions	TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report		TSTF-369-A				
		TSTF-419-A	ML012690234	Revise PTLR Definition and References in ISTS 5.6.6, RCS PTLR		TSTF-419-A				TSTF-419-A was incorporated in Vogtle Electric Generating Plant Units 3 and 4 (VEGP 3&4) plant-specific TS (PTS) in COL Amendment 13 (DOC A004)
		TSTF-449-A	ML051090200	Steam Generator Tube Integrity			TSTF-449-A			
		TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
		TSTF-490-A	ML052630462	Deletion of E Bar definition and revision to RCS specific activity				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
1.2	Logical Connectors	None								
1.3	Completion Times	TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO		TSTF-439-A				TSTF-439-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L04)
1.4	Frequency	TSTF-475-A	ML071420428	Control Rod Notch Testing Frequency and SRM Insert Control Rod Action		TSTF-475-A				
		TSTF-485-A	ML051570066	Correct Example 1.4-1			TSTF-485-A			
2.0	Safety Limits (SLs)	None								
LCO 3.0	Limiting Conditions for Operation (LCO) Applicability	TSTF-006-A	ML040340457	Add Exception for LCO 3.0.7 to LCO 3.0.1		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-071-A	ML040440038	Add Example of SFDP to the 3.0.6 Bases	TSTF-071-A					TSTF-071-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 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		TSTF-122-A				TSTF-122 was not included in the AP1000 GTS and it appears that TSTF-122 should be included because it provides clarification for the LCO 3.0.2 bases discussion.
		TSTF-165-A	ML040490233	Revise the LCO 3.0.5 Bases to Refer to Testing and Not SRs		TSTF-165-A				
		TSTF-166-A	ML040500817	Correct Inconsistency between LCO 3.0.6 and the SFDP Regarding Performance of an Evaluation		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-273-A	ML040611069	SFDP Clarifications			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-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	LCO 3.0.4 statement is clarified.
		TSTF-372-A	ML041200567	Addition of LCO 3.0.9, Inoperability of Snubbers					TSTF-372-A	Adds LCO for inoperability of snubbers.
		TSTF-427-A	ML061240055	Allowance for Non-Technical Specification Barrier Degradation on Supported System OPERABILITY					TSTF-427-A	Adds LCO for barrier degradation.
LCO 3.0	Limiting Conditions for Operation (LCO) Applicability	TSTF-482-A	ML050530165	Correct LCO 3.0.6 Bases		TSTF-482-A				
		TSTF-494-T	ML093350037	Correct Bases Discussion of Figure B3.0-1	TSTF-494-T					
SR 3.0	Surveillance Requirement (SR) Applicability	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	LCO 3.0.4 statement is clarified.
		TSTF-434-A	ML021580320	Clarifying SR 3.0.1 Bases to state that Surveillance can be performed in steps		TSTF-434-A				
3.1	Reactivity Control Systems	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.1.1	SHUTDOWN MARGIN (SDM)	None								
3.1.2	Core Reactivity	None								

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GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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)
3.1.3	Moderator Temperature Coefficient (MTC)	TSTF-524-T	(b)	Clarify the Application of SR 3.0.2 to SR 3.1.3.2, 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.
3.1.4	Rod Group Alignment Limits	None								
3.1.5	Shutdown Bank Insertion Limits	None								
3.1.6	Control Bank Insertion Limits	None								
3.1.7	Rod Position Indication	TSTF-437-T	(b)	Correction of Rod Position Indication Condition					TSTF-437-T	This traveler was not included in NUREG-1431 Rev 3 or 4; Appears to be suceeded by pending TSTF-547
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								Note that requirements for CVS makeup isolation valves in GTS Subsection 3.4.17 were moved to AP1000 STS Subsection 3.1.9 consistent with change to plant-specific TS for Vogtle Electric Generating Plant Units 3 and 4 (VEGP 3&4) by COL Amendment 13
3.2	Core Operating Limits	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.2.1	Heat Flux Hot Channel Factor ($F_Q(Z)$) (F_Q Methodology)	TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.2.2	Nuclear Enthalpy Rise Hot Channel Factor ($F_{\Delta H}^N$)	None								
3.2.3	AXIAL FLUX DIFFERENCE (AFD) (Relaxed Axial Offset Control (RAOC) Methodology)	None								
3.2.4	QUADRANT POWER TILT RATIO (QPTR)	TSTF-483-T	(b)	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	TSTF-483-T					TSTF-483-T is based on Westinghouse Topical report for operating reactors. No analysis is available for AP1000.
3.2.5	OPDMS-Monitored Parameters	None								
3.3	Instrumentation	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-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)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-493-A	ML101160026	Clarify Application of Setpoint Methodology for LSSS Functions	TSTF-493-A					Setpoint program of GTS 5.5.14 was added to support combined license requirements of 10 CFR 52.97(c) and predates the setpoint program proposed by TSTF-493 that is oriented towards currently operating plants licensed under 10 CFR Part 50.
		TSTF-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.3.1	Reactor Trip System (RTS) Instrumentation	TSTF-347-A	ML020320408	P-7 Surveillance	TSTF-347-A					TSTF-347-A is not applicable because the AP1000 design has no P-7 interlock.
		TSTF-371-A	ML020670135	NIS Power Range Channel Daily SR TS Change to Address Low Power Decalibration	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-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-453-T	(b)	Addition of New Tech Spec on RCS Boron Limits and Revisions to Tech Spec 3.3.1 to address RWFS	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-483-T	(b)	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.2	Reactor Trip System (RTS) Source Range Instrumentation	TSTF-469-T	(b)	Correct Action to Suspend Positive Reactivity Additions		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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.3	Reactor Trip System (RTS) Intermediate Range Instrumentation	TSTF-469-T	(b)	Correct Action to Suspend Positive Reactivity Additions		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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.4	Reactor Trip System (RTS) Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			

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3.3.5	Reactor Trip System (RTS) Manual Actuation	TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.6	Reactor Trip System (RTS) Automatic Trip Logic	TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.7	Reactor Trip System (RTS) Trip Actuation Devices	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.8	Engineered Safety Feature Actuation System (ESFAS) Instrumentation	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-444-T	ML022470169	ESFAS Interlocks P-4, P-11 & P-12 LCO Actions and Surveillance Requirements Revisions	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-483-T	(b)	Delete TS 3.3.1, Condition D, Power Range Neutron Flux - High Channel Inoperable	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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.9	Engineered Safety Feature Actuation System (ESFAS) Manual Initiation	TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.10	Engineered Safety Feature Actuation System (ESFAS) Reactor Coolant System (RCS) Hot Leg Level Instrumentation	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.11	QUADRANT POWER TILT RATIO (QPTR)	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.12	Engineered Safety Feature Actuation System (ESFAS) Reactor Trip Initiation	TSTF-418-A	ML030650848	RPS and ESFAS Test Times and Completion Times (WCAP-14333)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-444-T	ML022470169	ESFAS Interlocks P-4, P-11 & P-12 LCO Actions and Surveillance Requirements Revisions	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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.13	Engineered Safety Feature Actuation System (ESFAS) Control Room Air Supply Radiation Instrumentation	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.14	Engineered Safety Feature Actuation System (ESFAS) Spent Fuel Pool Level Instrumentation	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	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-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.15	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Operating	TSTF-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.16	Engineered Safety Feature Actuation System (ESFAS) Actuation Logic - Shutdown	TSTF-051-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					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-411-A	ML022470164	Surveillance Test Interval Extensions for Components of the Reactor Protection System (WCAP-15376-P)	TSTF-411-A					TSTF-411 is based on WCAP-15376-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)	TSTF-418-A					TSTF-418 is based on WCAP-14333-P, which did not consider the AP1000 design in the analysis.
		TSTF-519-T	ML093350037	Increase Standardization in Condition and Required Action Notes			TSTF-519-T			
3.3.17	Post Accident Monitoring (PAM) Instrumentation	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					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-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report		TSTF-369-A				Reporting Requirements have been changed prompting a renumbering within TS 5.6.
		TSTF-447-A	ML032020007	Elimination of Hydrogen Recombiners and Change to Hydrogen and Oxygen Monitors				TSTF-447-A		Subsection 3.3.3 of GTS Rev. 19 is consistent with TSTF-447-A.
		TSTF-470-T	(b)	Correct Titles and References in PAM Instrumentation Bases				TSTF-470-T		Subsection 3.3.3 of GTS Rev. 19 is consistent with TSTF-470-T.
3.3.18	Remote Shutdown Workstation (RSW)	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
3.3.19	Diverse Actuation System (DAS) Manual Controls	None								
3.4	Reactor Coolant System (RCS)	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-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)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.4.1	RCS Pressure, Temperature, and Flow DNB Limits	None								
3.4.2	RCS Minimum Temperature for Criticality	None								
3.4.3	RCS Pressure and Temperature (P/T) Limits	TSTF-499-T	(b)	Revise TS 3.4.3 Bases to Exclude the Pressurizer Surge Line from the P/T Limits		TSTF-499-T				This correction clears up any possible ambiguity related to the pressurizer surge line.
3.4.4	RCS Loops	TSTF-153-A	ML040500741	Clarify Exception Notes to be Consistent with the Requirement Being Excepted		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-438-A	ML021580334	Clarify Exception Notes to be Consistent with the Requirement Being Excepted		TSTF-438-A				TSTF-438-A clarifies when all RCPs may be removed from operation.
		TSTF-449-A	ML051090200	Steam Generator Tube Integrity			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.4 of GTS Rev. 19.
3.4.5	Pressurizer	None								
3.4.6	Pressurizer Safety Valves	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.6 of GTS Rev. 19.
3.4.7	RCS Operational Leakage	TSTF-449-A	ML051090200	Steam Generator Tube Integrity			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.7 of GTS Rev. 19.
3.4.8	Minimum RCS Flow	TSTF-153-A	ML040500741	Clarify Exception Notes to be Consistent with the Requirement Being Excepted		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.

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GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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-438-A	ML021580334	Clarify Exception Notes to be Consistent with the Requirement Being Excepted		TSTF-438-A				TSTF-438-A clarifies when all RCPs may be removed from operation.
3.4.9	RCS Leakage Detection Instrumentation	TSTF-205-A	ML040570179	Revision of Channel Calibration, Channel Functional Test, and Related Definitions		TSTF-205-A				The bases discussion of SR 3.4.9.2 is revised to add clarity regarding a successful Channel Operational Test.
		TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					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-513-A	ML102360355	Revise PWR Operability Requirements and Actions for RCS Leakage Instrumentation		TSTF-513-A				TSTF-513-A, Rev 3 revises the Bases to clearly define the RCS leakage detection instrumentation Operability requirements
3.4.10	RCS Specific Activity	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	The clarified statement of LCO 3.0.4 eliminates the need for most LCO 3.0.4 exceptions in the Specifications.
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								
3.4.14	Low Temperature Overpressure Protection (LTOP) System	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					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-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.14 of GTS Rev. 19.
		TSTF-481-T	(b)	Correct Bases for LTOP COT	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.
3.4.15	RCS Pressure Isolation Valve Leakage	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.4.15 of GTS Rev. 19.
3.4.16	Reactor Vessel Head Vent (RVHV)	None								
3.4.17	Chemical and Volume Control System (CVS) makeup Isolation Valves	None								Note that requirements for CVS makeup isolation valves in GTS Subsection 3.4.17 were moved to AP1000 STS Subsection 3.1.9 consistent with change to plant-specific TS for VEGP 3&4 by COL Amendment 13
3.4.17 [GTS 3.4.18]	Steam Generator (SG) Tube Integrity	TSTF-449-A	ML051090200	Steam Generator Tube Integrity			TSTF-449-A			TSTF-449-A is included in Subsection 3.4.18 of GTS Rev 19.
		TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection		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.
3.5	Passive Core Cooling System (PXS)	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-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)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.5.1	Accumulators	TSTF-370-A	ML003771348	Increase accumulator Completion Time from 1 hour to 24 hours (WCAP-15049)	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.
3.5.2	Core Makeup Tanks (CMTs) - Operating	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	TSTF-479-A					The AP1000 design does not utilize pumps in the pasive core cooling system (PXS).
		TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.3	Core Makeup Tanks (CMTs) - Shutdown, Reactor Coolant System (RCS) Intact	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	The AP1000 design does not utilize pumps in the pasive core cooling system (PXS).
		TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.4	Passive Residual Heat Removal Heat Exchanger (PRHR HX) - Operating	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					TSTF-359-A	The AP1000 PRHR HX differs in design compared to the conventional Westinghouse AFW system design.
		TSTF-412-A	ML070100363	Provide Actions for One Steam Supply to Turbine Driven AFW/EFW Pump Inoperable	TSTF-412-A					The AP1000 PXS design does not utilize AFW pumps for safety related decay heat removal.

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GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	TSTF-439-A					GTS Rev. 19, Subsection 3.5.4 does not include equivalent Required Actions, due to design differences.
		TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	TSTF-479-A					The AP1000 PRHR HX differs in design compared to the conventional Westinghouse AFW system design.
		TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.5	Passive Residual Heat Removal Heat Exchanger (PRHR HX) – Shutdown, Reactor Coolant System (RCS) Intact	TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.6	In-containment Refueling Water Storage Tank (IRWST) – Operating	TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.7	In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 5	TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.5.8	In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 6	TSTF-523-A	ML13053A075	Generic Letter 2008-01, Managing Gas Accumulation	TSTF-523-A					Concerns of traveler already addressed by GTS Rev 19.
3.6	Containment Systems	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-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)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-446-A	ML080510164	Risk Informed Evaluation of Extensions to Containment Isolation Valve Completion Times (WCAP-15791)					TSTF-446-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.6.1	Containment	TSTF-52-A	ML040400371	Implement 10 CFR 50, Appendix J, Option B		TSTF-52-A				Subsection 3.6.1 of GTS Rev. 19 already includes some of the TSTF-52-A changes. The AP1000 STS 3.6.1 includes the remaining TSTF-52-A changes.
		TSTF-343-A	ML051860291	Containment Structural Integrity	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.
3.6.2	Containment Air Locks	TSTF-52-A	ML040400371	Implement 10 CFR 50, Appendix J, Option B		TSTF-52-A				Subsection 3.6.2 of GTS Rev. 19 already includes some of the TSTF-52-A changes. The AP1000 STS 3.6.1 includes the remaining TSTF-52-A changes.
3.6.3	Containment Isolation Valves	TSTF-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown		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.
3.6.4	Containment Pressure	None								
3.6.5	Containment Air Temperature	TSTF-401-A	ML011620490	Revise Incorrect Bases for 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.
3.6.6	Passive Containment Cooling System (PCS)	TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO	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-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown		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-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a	TSTF-479-A					The AP1000 PCS design does not utilize containment spray pumps.
3.6.6 [GTS 3.6.7]	Passive Containment Cooling System (PCS) [- Operating] [PCS - Shutdown]	None								
3.6.7 [GTS 3.6.8]	Containment Penetrations	None								
3.6.8 [GTS 3.6.9]	pH Adjustment	TSTF-440-A	ML021580348	Eliminate Bases Requirement for Performing a System Walkdown	TSTF-440-A					GTS Rev. 19 Subsection 3.6.9 does not include a similar Surveillance Requirement.
3.6.9 [GTS 3.6.10]	Vacuum Relief Valves	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a				TSTF-479-A		The AP1000 already includes the use of "ASME OM Code" in the Bases for verifying operability of vacuum relief flow path.
3.7	Plant Systems	TSTF-412-A	ML070100363	Provide Actions for One Steam Supply to Turbine Driven AFW/EFW Pump Inoperable	TSTF-412-A					The AP1000 design does not utilize auxiliary feedwater (AFW) pumps.
		TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-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)					TSTF-432-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.

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GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.7.1	Main Steam Safety Valves (MSSVs)	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.1 of GTS Rev. 19.
3.7.2	Main Steam Isolation Valves (MSIVs)	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.2 of GTS Rev. 19.
		TSTF-491-A	ML061500078	Removal of Main Steam and Main Feedwater Valve Isolation Times From Technical Specifications		TSTF-491-A				Generic Letter 93-08 indicates that equipment actuation times do not need to be in the technical specifications.
		TSTF-504-T	(b)	Revised the MSIV and MFIV Specifications to Provide Actions for Actuator Trains	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.
3.7.3	Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)	TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a			TSTF-479-A			TSTF-479-A is included in Subsection 3.7.3 of GTS Rev. 19.
		TSTF-491-A	ML061500078	Removal of Main Steam and Main Feedwater Valve Isolation Times From Technical Specifications		TSTF-491-A				Generic Letter 93-08 indicates that equipment actuation times do not need to be in the technical specifications.
		TSTF-504-T	(b)	Revise the MSIV and MFIV Specifications to Provide Actions for Actuator Trains	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.
3.7.4	Secondary Specific Activity	None								
3.7.5	Spent Fuel Pool Water Level	None								
3.7.6	Main Control Room Emergency Habitability System (VES)	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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-448-A	ML062210095 ML063630467	Control Room Habitability			TSTF-448-A			TSTF-448-A is included in Subsection 3.7.6 of GTS Rev. 19.
		TSTF-522-A	ML100890316	Revise Ventilation System Surveillance Requirements to Operate for 10 hours per Month				TSTF-522-A		GTS SR 3.7.6.4, to operate VES for ≥ 15 minutes with a 31 day Frequency, matches the changed 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."
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								
3.7.10	Steam Generator (SG) Isolation Valves	TSTF-359-A	ML031190607	Increase Flexibility in MODE Restraints					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 GTS 3.7.10.
3.7.11	Spent Fuel Pool Boron Concentration	None								
3.7.12	Spent Fuel Pool Storage	None								
3.8	Electrical Power Systems	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
		TSTF-505-A	ML111650552	Provide Risk-Informed Extended Completion Times - RITSTF Initiative 4b					TSTF-505-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.8.1	DC Sources – Operating	TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
		TSTF-451-T	(b)	Correct the Battery Monitoring and Maintenance Program and the Bases of SR 3.8.4.2		TSTF-451-T				TSTF-451-T was incorporated in VEGP 3&4 PTS in COL Amendment 13
		TSTF-500-A	ML092670242	DC Electrical Rewrite - Update to TSTF-360		TSTF-500-A				Some of the changes in TSTF-500 were already included in GTS Rev. 19; VEGP LAR DOC L22 addresses changes similar to TSTF-500 that were incorporated by Amendment 13 in the plant-specific TS.
3.8.2	DC Sources – Shutdown	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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."

Summary of Generic Changes to NUREG-1431, Standard Technical Specifications, Westinghouse Plants, Considered for Inclusion in Westinghouse Advanced Passive 1000 (AP1000) Standard Technical Specifications, Revision 0

GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
		TSTF-500-A	ML092670242	DC Electrical Rewrite - Update to TSTF-360		TSTF-500-A				
3.8.3	Inverters – Operating	TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
3.8.4	Inverters – Shutdown	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
3.8.5	Distribution Systems – Operating	TSTF-432-A	ML103360003	Change in Technical Specification End States (WCAP-16294)	TSTF-432					TSTF-432 is a topical report that is not applicable to AP1000.
		TSTF-439-A	ML051860296	Eliminate Second Completion Times Limiting Time From Discovery of Failure To Meet an LCO		TSTF-439-A				VEGP LAR DOC L04 is consistent with TSTF-439-A.
3.8.6	Distribution Systems – Shutdown	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-471-A				VEGP LAR DOC L03 is consistent with TSTF-471-A.
3.8.7	Battery Parameters	TSTF-500-A	ML092670242	DC Electrical Rewrite - Update to TSTF-360		TSTF-500-A				VEGP LAR DOC L21 is consistent with TSTF-500-A.
3.9	Refueling	TSTF-425-A	ML090850627	Relocate Surveillance Frequencies to Licensee Control - RITSTF Initiative 5b					TSTF-425-A	Risk-informed TS changes will be considered at a later time for application to the AP1000 STS.
3.9.1	Boron Concentration	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
3.9.2	Unborated Water Source Flow Paths	TSTF-440-A TSTF-471-A	ML021580348 ML062860320	Eliminate Bases Requirement for Performing a System Walkdown and use of term CORE ALTERATIONS		TSTF-471-A				TSTF-471-A was incorporated in VEGP 3&4 PTS in COL Amendment 13 (DOC L03)
3.9.3	Nuclear Instrumentation	TSTF-471-A	ML062860320	Eliminate use of term CORE ALTERATIONS in ACTIONS and Notes		TSTF-440-A TSTF-471-A				TSTF-440-A removes specific requirements to perform a system walkdown when verifying that a flow path is isolated
3.9.4	Refueling Cavity Water Level	TSTF-51-A	ML040400343	Revise containment requirements during handling irradiated fuel and core alterations					TSTF-51-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."
[GTS 3.9.5]	Containment Penetration	None								VEGP 3&4 License Amendment Request (LAR) Discussion of Change (DOC) R1 relocated PTS Subsection 3.9.5 to Technical Requirements Manual (TRM), for VEGP 3&4 by COL Amendment 13. Consistent with VEGP 3&4 PTS Section 3.9, AP1000 STS Section 3.9 omits GTS 3.9.5.
[GTS 3.9.6]	Containment Air Filtration System (VFS)	TSTF-522-A	ML100890316	Revise Ventilation System Surveillance Requirements to Operate for 10 hours per Month	TSTF-522-A					VEGP LAR DOC R2 relocated PTS Subsection 3.9.6 to Technical Requirements Manual (TRM), VEGP 3&4 COL Amendment 13; therefore TSTF-522-A does not apply, since the VFS has no heater surveillance requirements in the AP1000 STS.
3.9.5 [GTS 3.9.7]	Decay Time	None								VEGP LAR DOCs R1 and R2 renumber PTS Subsection 3.9.7 as Subsection 3.9.5, VEGP 3&4 COL Amendment 13
4.0	Design Features	None								
5.1	Responsibility	TSTF-65-A	ML040080572	Use of generic titles for utility positions		TSTF-65-A				TSTF-65-A was incorporated in VEGP 3&4 PTS in COL Items 5.1.1 and 5.1.2
5.2	Organization	TSTF-65-A	ML040080572	Use of generic titles for utility positions		TSTF-65-A				TSTF-65-A was incorporated in VEGP 3&4 PTS in COL Item 5.2.1

Summary of Generic Changes to NUREG-1431, Standard Technical Specifications, Westinghouse Plants, Considered for Inclusion in Westinghouse Advanced Passive 1000 (AP1000) Standard Technical Specifications, Revision 0

GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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-511-A	ML082610292	Eliminate Working Hour Restrictions from TS 5.2.2 to Support Compliance with 10 CFR Part 26		TSTF-511-A				TSTF-511-A was incorporated in VEGP 3&4 PTS in COL Item 5.2.2
5.3	Unit Staff Qualifications	None								VEGP 3&4 PTS COL Items 5.3 and 5.3.1 made changes to PTS Section 5.3
5.4	Procedures	None								
5.5.1.	Offsite Dose Calculation Manual (ODCM)	TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report		TSTF-369-A				TSTF-369-A was incorporated in VEGP 3&4 PTS Subsection 5.5.1 by COL Amendment 13 (DOC L02)
5.5.2	Radioactive Effluent Controls Program	TSTF-258-A	ML040620102	Changes to Section 5.0, Administrative Controls		TSTF-258-A				TSTF-258-A was incorporated in VEGP 3&4 PTS Subsection 5.5.2 by COL Amendment 13 (DOC L23)
5.5.3	Inservice Testing Program	TSTF-279-A	ML040611066	Remove "applicable supports" from Inservice Testing Program		TSTF-279-A				
		TSTF-479-A	ML052990317	Changes to Reflect Revision of 10 CFR 50.55a		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-497-A	ML061930221	Limit Inservice Testing Program SR 3.0.2 Application to Frequencies of 2 Years or Less		TSTF-497-A				TSTF-479-A was incorporated in VEGP 3&4 PTS Subsection 5.5.3 by COL Amendment 13 (DOC L24)
5.5.4	Steam Generator (SG) Program	TSTF-449-A	ML051090200	Steam Generator Tube Integrity				TSTF-449-A		TSTF-449-A was partially incorporated in VEGP 3&4 PTS Subsection 5.5.4 by COL Amendment 13 (DOC L04)
		TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection		TSTF-510-A				<p>TSTF-471-A was incorporated in VEGP 3&4 PTS Subsection 5.5.4 by COL Amendment 13 (DOC L03)</p> <p>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.</p> <p>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.</p>
5.5.5	Secondary Water Chemistry Program	None								
5.5.6	Technical Specifications (TS) Bases Control Program	None								
5.5.7	Safety Function Determination Program (SFDP)	TSTF-273-A	ML040611069	SFDP Clarifications				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.
5.5.8	Containment Leakage Rate Testing Program	TSTF-343-A	ML051860291	Containment Structural Integrity	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.
5.5.9	System Level OPERABILITY Testing Program	None								
5.5.10	Component Cyclic or Transient Limit	None								
5.5.11	Battery Monitoring and Maintenance Program	TSTF-451-T	(b)	Correct the Battery Monitoring and Maintenance Program and the Bases of SR 3.8.4.2		TSTF-451-T				
		TSTF-500-A	ML092670242	DC Electrical Rewrite - Update to TSTF-360		TSTF-500-A				
5.5.12	Main Control Room Envelope Habitability Program	TSTF-448-A	ML062210095 ML063630467	Control Room Habitability				TSTF-448-A		Subsectionn 5.5.12 was included in GTS Rev. 19 to incorporate TSTF-448, with minor changes to the text as appropriate to its design.
5.5.13	Ventilation Filter Testing Program	None								
5.5.14	Setpoint Control Program	None								
5.6	Reporting Requirements	TSTF-369-A	ML040050211	Removal of Monthly Operating Report and Occupational Radiation Exposure Report		TSTF-369-A				TSTF-369-A was incorporated in VEGP 3&4 PTS Subsection 5.6.1 by COL Amendment 13 (DOC L02)
		TSTF-419-A	ML012690234	Revise PTLR Definition and References in ISTS 5.6.6, RCS PTLR				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.

Summary of Generic Changes to NUREG-1431, Standard Technical Specifications, Westinghouse Plants, Considered for Inclusion in Westinghouse Advanced Passive 1000 (AP1000) Standard Technical Specifications, Revision 0

GTST for AP1000 STS Section or Subsection	AP1000 STS Section or Subsection Title	TSTF considered for inclusion in AP1000 STS	ADAMS Accession No.	TSTF 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)
5.6 continued	Reporting Requirements	TSTF-447-A	ML032020007	Elimination of Hydrogen Recombiners and Change to Hydrogen and Oxygen Monitors	TSTF-447-A					Along with deleteing 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-449-A	ML051090200	Steam Generator Tube Integrity		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)
3.4.10	RCS Specific Activity	TSTF-490-A	ML052630462	Deletion of E Bar definition and revision to RCS specific activity				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
5.6 continued	Reporting requirements	TSTF-510-A	ML110610350	Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection		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 AP1000 STS Subsection 5.6.6
5.7	High Radiation Area	None								

Table End Notes

- (a) "VEGP LAR DOC" stands for "Vogtle Electric Generating Plant, Units 3 and 4 plant-specific technical specifications upgrade license amendment request 12 -002, discussion of change number"
- (b) This Technical Specifications Task Force (TSTF) traveler has no ADAMS Accession Number; a copy of this traveler may be requested from the NRC staff contact stated in the Generic Technical Specifications Traveler (GTST) associated with the affected AP1000 STS Section or Subsection.