Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 1.0 - Use and Application Description of Removed Information	Location	Change Control	Change Type
		None			

DOC No.	Affected TS Section and Requirements	TS Section 2.0 - Safety Limits Description of Removed Information	Location	Change Control	Change Type
		None			

DOC No.	Affected TS Section and Requirements	TS Section 3.0 - LCO and SR Applicability Description of Removed Information	Location	Change Control	Change Type
		None			

DOC No.	Affected TS Section and Requirements	TS Section 3.1 - Reactivity Control Systems Description of Removed Information	Location	Change Control	Change Type
		None			

DOC No.	Affected TS Section and Requirements	TS Section 3.2 - Power Distribution Limits Description of Removed Information	Location	Change Control	Change Type
		None			

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.3, Instrumentation Description of Removed Information (change numbers added for reference)	Location	Change Control	Change Type
D01	Current TS (CTS) 3.3.1, "Reactor Trip System (RTS) Instrumentation" ● LCO 3.3.1 Function 17 ● Table 3.3.1-1, Required Channels Improved TS (ITS) 3.3.7, "RTS Trip Actuation Devices" ● LCO 3.3.7.a	1. For each RTS function, CTS LCO 3.3.1 specifies the number of channels required to be operable in the "Required Channels" field of Table 3.3.1-1. 1.1 For Function 17, "Reactor Trip Breakers (RTBs)," this field states "4 divisions with 2 RTBs per division" The phrase "with 2 RTBs per division" is a design detail that is also provided in the Final Safety Analysis Report (FSAR). This information is not needed in TS for the LCO on RTBs to provide adequate protection. By specifying "four divisions," ITS LCO 3.3.7 will ensure that all 8 RTBs are operable when required. Therefore, the phrase "with 2 RTBs per division" may be removed from the TS; instead ITS LCO 3.3.7 will state "Four divisions of RTS trip actuation devices for the following Functions. a. Reactor Trip Breakers (RTBs); and b. RTB Undervoltage and Shunt Trip Mechanisms"	FSAR Section 7	10 CFR 52.98	D-1
	CTS 3.3.1 ● LCO 3.3.1 Function 18 ● Table 3.3.1-1, Required Channels ITS 3.3.7 ● LCO 3.3.7.b	1.2. For Function 18, "RTB Undervoltage and Shunt Trip Mechanisms," this field states "1 each per RTB mechanism" This phrase is a design detail that is also provided in the FSAR. It implies that all 8 undervoltage and all 8 shunt trip RTB trip actuation devices are required to be operable; therefore, ITS LCO 3.3.7 specifies "four divisions" of these trip actuation devices. This information is not needed in TS for the LCO on these RTB trip actuation devices to provide adequate protection. By specifying "four divisions," ITS LCO 3.3.7 will ensure that all of the undervoltage and shunt trip RTB trip actuation devices are operable when required. Therefore, the phrase "1 each per RTB mechanism" may be removed from the TS; instead ITS LCO 3.3.7 will state "Four divisions of RTS trip actuation devices for the following Functions. a. Reactor Trip Breakers (RTBs); and b. RTB Undervoltage and Shunt Trip Mechanisms"	FSAR Section 7	10 CFR 52.98	D-1

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.3, Instrumentation Description of Removed Information (change numbers added for reference)	Location	Change Control	Change Type
D01 (cont'd)	CTS 3.3.1 ● SR 3.3.1.6 Perform TADOT; surveillance column Note ITS 3.3.7 ● SR 3.3.7.1 Perform TADOT	2. The surveillance column Note to current SR 3.3.1.6 states "This Surveillance must be performed on both reactor trip breakers associated with a single division." This procedural information may be relocated from the TS to the Bases for ITS 3.3.7 because ● the "LCO" section of the bases for ITS 3.3.7 describe that an operable division of RTS trip actuation devices requires a divisional pair of RTBs, each RTB with an operable undervoltage trip mechanism and an operable shunt trip mechanism, and ● the bases for ITS SR 3.3.7.1 describes the Frequency of "92 days on a STAGGERED TEST BASIS" as follows: "SR 3.3.7.1 is the performance of a TADOT every 92 days on a STAGGERED TEST BASIS for four divisions. This test shall verify OPERABILITY by actuation of the end devices."	TS Bases	TS 5.5.6, "TS Bases Control Program"	D-2
D02	CTS 3.3.3, "Post Accident Monitoring (PAM) Instrumentation" ● LCO 3.3.3 Function 5 ITS 3.3.17, "Post Accident Monitoring (PAM) Instrumentation" ● LCO 3.3.17 Function 5	1. Current TS 3.3.3, "Post Accident Monitoring (PAM) Instrumentation," Table 3.3.3-1, "Post-Accident Monitoring Instrumentation," Function 5 is revised from "<u>Pressurizer Pressure and</u> RCS Subcooling Monitor," to "RCS Subcooling Monitor." The inputs to the RCS Subcooling Monitor are pressurizer pressure and RCS hot leg temperature. The current Function title is confusing in that it includes the actual Function (RCS Subcooling Monitor) and one of the inputs (Pressurizer Pressure). The associated Bases adequately describe the inputs to the RCS Subcooling Monitor. Therefore, this level of detail is not required in the TS Function name	ITS LCO 3.3.17 Bases FSAR Section 7.4	TS 5.5.6 10 CFR 50.59 10 CFR 52.98	D-1

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.3, Instrumentation Description of Removed Information (change numbers added for reference)	Location	Change Control	Change Type
D02 (cont'd)	CTS 3.3.3 ● Table 3.3.3 footnote (a) ITS 3.3.17 ● Table 3.3.17	2. Current TS 3.3.3, "Post Accident Monitoring (PAM) Instrumentation," Table 3.3.3-1, "Post-Accident Monitoring Instrumentation," footnote (a) stating "RCS Subcooling calculated from pressurizer pressure and RCS hot leg temperature," is relocated to the associated TS Bases. Footnote (a) provides the design detail for the RCS Subcooling Monitor. This type of information is not necessary to be included in the TS to provide adequate protection. ITS 3.3.17, Table 3.3.17-1, still retains a requirement for the Subcooling Monitor Function to be OPERABLE. Therefore, footnote (a) may be relocated to the TS Bases.	TS Bases	TS 5.5.6	D-1
D03	CTS 3.3.2, "Engineered Safety Feature Actuation System (ESFAS) Instrumentation" ● LCO 3.3.2 Functions 25 and 26 ● Table 3.3.2-1, Required Channels ITS 3.3.15, "ESFAS Actuation Logic – Operating ● LCO ITS 3.3.16, "ESFAS Actuation Logic – Shutdown ● LCO	1. Current TS 3.3.2, "Engineered Safety Feature Actuation System (ESFAS) Instrumentation," Functions 25 and 26 descriptions of Required Channels are revised to delete "battery backed" from the new TS 3.3.15, "Engineered Safety Feature Actuation System (ESFAS) Actuation Logic – Operating," and TS 3.3.16, "Engineered Safety Feature Actuation System (ESFAS) Actuation Logic – Shutdown," LCO statement. The phrase "battery backed" is a design detail that is also provided in the FSAR. This type of information is not necessary to be included in the TS to provide adequate protection. ITS 3.3.15 and ITS 3.3.16 still retain the requirement for four Divisions with one subsystem to be OPERABLE. Therefore, the phrase "battery backed" may be removed from the TS	FSAR	10 CFR 52.98	D-1

Types of Detail Removed Changes in TS Section 3.3:

D-1 Removing Details of System Design and System Description, Including Design Limits

D-2 Removing Procedural Details for Meeting TS Requirements

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.4 - Reactor Coolant System Description of Removed Information	Location	Change Control	Change Type
D04	CTS 3.4.7, "Chemical and Volume Control System (CVS) Makeup Isolation Valves" • SR 3.4.7.2 ITS 3.1.9, "Chemical and Volume Control System (CVS) Demineralized Water Isolation Valves and Makeup Line Isolation Valves" • SR 3.1.9.2	1. Current TS 3.4.17, "Chemical and Volume Control System (CVS) Makeup Isolation Valves," SR 3.4.17.2 requires verification that the closure time of each CVS makeup line isolation valve is < 30 seconds on an actual or simulated actuation signal. Current TS 3.1.9, "Chemical and Volume Control System (CVS) Demineralized Water Isolation Valves and Makeup Line Isolation Valves," is being revised to include this Surveillance, as discussed in DOC A064. New SR 3.1.9.2 requires verification that the closure time of each CVS makeup line isolation valve is within limits on an actual or simulated actuation signal. The actual isolation time requirement is relocated to the Bases of new SR 3.1.9.2. This change is consistent with TSTF-491-A, “Removal of Main Steam and Main Feedwater Valve Isolation Times from Technical Specifications,” Revision 2, which allowed the closure times to be moved to a licensee-controlled document. The closure time will be maintained in the TS Bases.	TS Bases	TS 5.5.6	D-1

Types of Detail Removed Changes in TS Section 3.4:

D-1 Removing Details of System Design and System Description, Including Design Limits

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.5 – Passive Core Cooling System Description of Removed Information	Location	Change Control	Change Type
D05	TS 3.5.1, "Accumulators" • SR 3.5.1.4 second Frequency	1. Current TS 3.5.1, "Accumulators," SR 3.5.1.4 second Frequency states "Once within 6 hours after each solution volume increase of > 51 cu. ft., 3.0% that is not the result of addition from the in-containment refueling water storage tank." The second Frequency is revised to delete the "3.0%." The removal of the 3.0% modifier is made since the actual volume addition, 51 cu. ft., is already provided in the SR Frequency. The percent value is providing a calculation that is not referenced to anything specific, like total volume or indicated volume. TSTF-GG-05-01, subsection 3.3.4.e states to avoid the use of formulas and calculations where possible. Further, this type of information is not necessary to be included in the TS in order to provide adequate protection, and the 3% modifier is already stated in the Bases.	TS Bases	TS 5.5.6	D-1 A-2.j

Types of Detail Removed Changes in TS Section 3.5:

D-2 Removing Procedural Details for Meeting TS Requirements

Types of Administrative Changes in TS Section 3.5:

A-2 Editorial change to conform to the industry improved standard TS writer's guide, TSTF-GG-05-01. See Table A-2 at End of Table A for breakdown of subtypes within Type A-2.

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.6 - Containment Systems Description of Removed Information	Location	Change Control	Change Type
D06	CTS 3.6.6, "Passive Containment Cooling System (PCS) - Operating" • LCO CTS 3.6.7, "Passive Containment Cooling System (PCS) - Shutdown" • LCO ITS 3.6.6, "Passive Containment Cooling System (PCS)" • LCO	1. Current TS 3.6.6, "Passive Containment Cooling System (PCS) - Operating," LCO and current TS 3.6.7, "Passive Containment Cooling System (PCS) - Shutdown," LCO state "The passive containment cooling system shall be OPERABLE, with all three water flow paths OPERABLE." The TS 3.6.6 LCO statement is revised to be "The passive containment cooling system shall be OPERABLE." Note that TS 3.6.6 and TS 3.6.7 are being combined into a single TS as discussed in DOC M13. The phrase “with all three water flow paths” is a design detail that is also provided in the FSAR. This type of information is not needed in TS for the LCO on the PCS to provide adequate protection. Proposed LCO 3.6.6 continues to require the PCS to be Operable, and SR 3.6.6.3 continues to require verification that each PCS manual, power operated, and automatic valve in "each" flow path that is not locked, sealed or otherwise secured in position, is in the correct position. Also, the LCO section of the Bases clearly states that Operability of the PCS requires all three flow paths. This change is consistent with the manner in which LCOs are described in other Specifications, in that the details for Operability are located in the TS Bases and confirmed by the TS SRs.	TS Bases	TS 5.5.6	D-1
D07	CTS 3.6.8,"Containment Penetrations" • LCO ITS 3.6.7, "Containment Penetrations" • LCO	1. Current TS 3.6.8, "Containment Penetrations," LCO 3.6.8.a, b, and c include a statement that if the component is open, it must be clear of obstructions such that it can be closed prior to steaming into the containment. The "clear of obstructions" clarifying detail is deleted from Current LCO 3.6.8.a, b, and c. Note that TS 3.6.8 is renumbered as TS 3.6.7 as discussed in DOC M13. The specific statement concerning "clear of obstructions" is not necessary since the LCO continues to require the equipment hatches, air lock doors, and containment spare penetrations to be closed prior to steaming into the containment. “Obstructions" are allowed such that they would not hamper closure time. The proposed TS retain the necessary requirements to ensure the components can be closed prior to steaming into the containment. The “clear of obstructions such that” clarification is cited in the Bases. Therefore, the phrase “clear of obstructions such that” may be removed from TS.	TS Bases	TS 5.5.6	D-2

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.6 - Containment Systems Description of Removed Information	Location	Change Control	Change Type
D08	CTS 3.6.9, "pH Adjustment" • SR 3.6.9.1 ITS 3.6.8, "pH Adjustment" • SR 3.6.8.1	1. Current TS 3.6.9, "pH Adjustment," SR 3.6.9.1 includes the chemical formula for trisodium phosphate (TSP). The chemical formula for TSP "(Na_3PO_4-12 H_2O)" is deleted from the SR. Note that TS 3.6.9 is renumbered as TS 3.6.8 as discussed in DOC M13. The chemical formula for TSP "(Na_3PO_4-12 H_2O)" is a design detail that is also provided in the FSAR. This type of information is not necessary to be included in the TS to provide adequate protection. The proposed TS retains the necessary requirements to ensure the pH adjustment baskets contain the required TSP, both in the LCO statement and SR 3.6.9.1. Additionally, the Bases present the specific formula for TSP. Therefore, the formula "(Na_3PO_4-12 H_2O)" may be removed from TS.	TS Bases	TS 5.5.6	D-1

Types of Detail Removed Changes in TS Section 3.6:

D-1 Removing Details of System Design and System Description, Including Design Limits

D-2 Removing Procedural Details for Meeting TS Requirements

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.7 - Plant Systems Description of Removed Information	Location	Change Control	Change Type
D09	TS 3.7.2, "Main Steam Isolation Valves (MSIVs)" • SR 3.7.2.1 • SR 3.7.2.2	1. Current TS 3.7.2, "Main Steam Isolation Valves (MSIVs)," SRs 3.7.2.1 and 3.7.2.2 require verification of the MSIV closure time and the turbine stop valve, turbine control valve, turbine bypass valve, and moisture separator reheater second stage steam isolation valve closure times, respectively. The closure time for these valves is < 5 seconds. The closure time is removed from the two SRs and replaced with the words "is within limits." This change is consistent with TSTF-491-A, “Removal of Main Steam and Main Feedwater Valve Isolation Times from Technical Specifications,” Revision 2, which allowed the closure times to be moved to a plant-controlled document. The closure time will be maintained in the TS Bases	TS Bases	TS 5.5.6	D-1
	TS 3.7.3,"Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)" • SR 3.7.3.1	2. Current TS 3.7.3, "Main Feedwater Isolation and Control Valves (MFIVs and MFCVs)," SR 3.7.3.1 requires verification of the MFIV and MFCV closure time. The closure time for these valves is < 5 seconds. The closure time is removed from the SR and replaced with the words "is within limits." This change is consistent with TSTF-491-A, “Removal of Main Steam and Main Feedwater Valve Isolation Times from Technical Specifications,” Revision 2, which allowed the closure times to be moved to a plant-controlled document. The closure time will be maintained in the TS Bases	TS Bases	TS 5.5.6	D-1
D10	TS 3.7.6, "Main Control Room Emergency Habitability System (VES)" • Condition D	1. Current TS 3.7.6, "Main Control Room Emergency Habitability System (VES)," Condition D states "One bank of VES air tanks <u>(8 tanks)</u> inoperable." Current TS 3.7.6 Condition D is revised to "One bank of VES air tanks inoperable." The phrase “(8 tanks)” is a design detail that is also provided in the FSAR. This type of information is not necessary to be included in the TS to provide adequate protection. The proposed Condition D retains the requirement that a single bank of tanks is inoperable. Further, the Required Action D.1, D.2, and D.3 Bases state that one bank of VES air tanks is equivalent to "8 tanks out of 32 total." Therefore, the phrase “(8 tanks)” may be removed from TS.	TS Bases	TS 5.5.6	D-1

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.7 - Plant Systems Description of Removed Information	Location	Change Control	Change Type
D11	TS 3.7.6 • SR 3.7.6.6	1. Current TS 3.7.6, "Main Control Room Emergency Habitability System (VES)," SR 3.7.6.6 states "Verify that the air quality of the air storage tanks meets the requirements of Appendix C, Table C-1 of ASHRAE Standard 62." Current SR 3.7.6.6 is changed to "Verify the air quality of the air storage tanks **is within limits**." The requirements of Appendix C, Table C-1 of ASHRAE Standard 62 are procedural details which are not needed to be included in the TS to provide adequate protection. Further, the SR 3.7.6.6 Bases state that the verification of the air quality of the air storage tanks must meet the requirements of Appendix C, Table C-1 of ASHRAE Standard 62. Therefore, these details may be removed from TS.	TS Bases	TS 5.5.6	D-2
D12	TS 3.7.10, "Steam Generator (SG) Isolation Valves" • SR 3.7.10.1	1. Current TS 3.7.10, "Steam Generator (SG) Isolation Valves," SR 3.7.10.1 includes the valve numbers for the PORVs, PORV block valves, and blowdown isolation valves. The specific valve numbers have been deleted from the SR. The specific valve numbers are design details that are also provided in the FSAR. This type of information is not necessary to be included in the TS to provide adequate protection. The proposed TS retain the necessary requirements to ensure the required valves are identified, both in the LCO statement and SR 3.7.10.1 (i.e., the steam generator PORVs, PORV block valves, and blowdown isolation valves). Further, the valve numbers are stated in the Bases. Therefore, these valve numbers may be removed from TS.	TS Bases	TS 5.5.6	D-1

Types of Detail Removed Changes in TS Section 3.7:

D-1 Removing Details of System Design and System Description, Including Design Limits

D-2 Removing Procedural Details for Meeting TS Requirements

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 3.8 - Electrical Power Systems Description of Removed Information	Location	Change Control	Change Type
D13	TS 3.8.3, “Inverters – Operating" • LCO	1. Current TS 3.8.3, “Inverters – Operating," is revised to delete “(Divisions A and D, one each and Divisions B and C two each; six total),” from the LCO statement. The phrase “(Divisions A and D, one each and Divisions B and C two each; six total)” are design details that are also provided in the FSAR. This type of information is not necessary to be included in the TS to provide adequate protection. ITS 3.8.3 still retains a requirement for the Division A, B, C, and D inverters to be OPERABLE. Further, these design details are stated in the Bases. Therefore, the phrase “(Divisions A and D, one each and Divisions B and C two each; six total)” may be removed from the TS.	TS Bases	TS 5.5.6	D-1
Types of Detail Removed Changes in TS Section 3.8: D-1 Removing Details of System Design and System Description, Including Design Limits					

DOC No.	Affected TS Section and Requirements	TS Section 3.9 - Refueling Operations Description of Removed Information	Location	Change Control	Change Type
		None			

DOC No.	Affected TS Section and Requirements	TS Section 4.0 - Design Features Description of Removed Information	Location	Change Control	Change Type
		None			

Table D
Detailed Information Removed from Technical Specifications (TS)

DOC No.	Affected TS Section and Requirements	TS Section 5.0 - Administrative Controls Description of Removed Information	Location	Change Control	Change Type
D14	CTS 5.5.13 ITS 5.5.13 5.5.13.a..... 5.5.13.a.1 5.5.13.b..... 5.5.13.a.2	1. Current TS 5.5.13, "Ventilation Filter Testing Program (VFTP)," is revised as follows: • Paragraph 'a' is revised to replace "…flow rate at least 600 cfm greater than the flow measured by VES-FT-003A/B. The flow rate being measured is a combination of the VES breathable air supply flow and the recirculation flow drawn through the educator," with "… flow rate at least 600 cfm greater than **the VES makeup flow rate**." • Paragraph 'b' is revised to replace "… flow rate at least 600 cfm greater than the flow measured by VES-FT-003A/B. The flow rate being measured is a combination of the VES breathable air supply flow and the recirculation flow drawn through the educator," with "…flow rate at least 600 cfm greater than **the VES makeup flow rate**." • References to "VES supply flow" are revised to "VES **makeup flow rate**." The phrase “the flow measured by VES-FT-003A/B. The flow rate being measured is a combination of the VES breathable air supply flow and the recirculation flow drawn through the educator” is a design detail that is also provided in the FSAR. This type of information is not necessary to be included in the TSs to provide adequate protection. ITS 5.5.13 still retains a requirement for the required flow rate associated with system testing, and is consistent with the level of details provided in NUREG-1431, TS 5.5.11 requirements. Therefore, the above mentioned phrase may be replaced with “the VES makeup flow rate” for consistency with terminology used in the FSAR.	FSAR Section 6.4	10 CFR 52.98 10 CFR 50.59	D-1

Types of Detail Removed Changes in TS Section 5.0:

D-1 Removing Details of System Design and System Description, Including Design Limits