

Tier 2 Chapter 10 Revision 4 to Revision 5 Change List

Item	Location	Description of Change
1.	Entire Chapter	Made minor editorial changes in numerous locations to remove excessive spacing, correct punctuation, delete repeated words, correct misspelling, and correct grammar. Also spelled out, or used acronyms where appropriate. These changes do not have revision bars associated with them.
2.	S10.1, 3 rd para	Reworded to more accurately reflect plant design.
3.	S10.1, 3 rd para	Removed “The reactor feedwater pumps take suction from the open feedwater heater storage tank” to clarify equipment configuration.
4.	S10.1, 4 th para	Added, “The feedwater booster pumps take suction from the open feedwater heater and supply the required suction head for the reactor feedwater pumps” to clarify equipment configuration.
5.	S10.1, 11 th para	Changed “biological” to “radiation” and deleted “radiation producing” to be consistent with wording in other DCD sections.
6.	T10.1-1, Nuclear Steam Supply section	Changed steam flow units and associated value from “kg/s” to “kg/hr” to be consistent among sections.
7.	T10.1-1, Turbine Generator and Feedwater heater sections	Standard Plant Value Column, changed to reflect updated values from new Turbine Heat Balance calculations and correct conversion significant digits. Added SI unit (rad/s) value for turbine speed to be consistent among sections.
8.	T10.1-1, Condensate Pumps section	Revised normal flow SI unit value from “5.8 x 10 ⁶ ” to “5.81 x 10 ⁶ ” to be consistent with significant digits.
9.	T10.1-1, new Feedwater Booster Pump section	Added “Feedwater Booster Pump” section to provide information specific to the FW booster pumps.
10.	T10.1-1, Reactor Feedwater Pump section	Removed “(booster and main pump)” in “Reactor Feedwater Pump” section because a new section was added specific to the booster pumps. Also changed “Design flow” to “Normal flow” and corrected conversion significant digits to be consistent with other entries in the table and the footnote.

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11.	T10.1-1, footnote	Replaced “Value is” with “Operating parameters are” to clarify applicability of the footnote, and replaced “representative” with “rounded (approximate)” to reflect the rounding practice employed.
12.	F10.1-1	Revised figure to reflect updated heat balance and improve readability, added legend for HP, IP, LP, added HP FW heater string inlet isolation valves and third open Feedwater tank level control valve, and to show separately driven Feedwater booster pumps, all to make the figure consistent with the major aspects of the detailed design.
13.	F10.1-2a	Figure changed to reflect updated values from new Turbine Heat Balance calculations with SI units.
14.	F10.1-2b, new	Added new rated heat balance figure to show calculations with English units.
15.	F10.1-3a	Figure changed to reflect updated values from new Turbine Heat Balance calculations with SI units.
16.	F10.1-3b, new	Added new VWO heat balance figure to show calculations with English units.
17.	S10.2.1.2, new 8 th bullet	Additional information provided from Table 15.2-1 for flow capacity required for three control valves to provide a tie for Tier 1 ITAAC Table 2.11.4-1 Item 5.
18.	S10.2.1.3.3, 1 st para	Changed to reflect new less aggressive load following requirements. Ramp rates are reduced from 1% per minute to 0.5% per minute and cycle limitations are added to reflect potential fuel preconditioning limitations.
19.	S10.2.1.3.3, 2 nd para	Removed “Power maneuvers within the capabilities above do not require isolation or bypass of condensate/feedwater equipment such as feedwater heaters.” to reflect change in power maneuvering capability.
20.	S10.2.2.1, 1 st and 4 th para	Added metric units (rad/s) for turbine rotational speed to be consistent with project control documents.
21.	S10.2.2.1, 6 th para	Added “...excitation system...” to be consistent with current version of ESBWR system structure.
22.	S10.2.2.1, 7 th para	Added wording “...and moderate...” to be consistent with Tier 1 Subsection 2.11.4 and SRP 3.6.1 wording.
23.	S10.2.2.2.1, 4 th para	Removed “...a servomotor opened by...” in the last sentence to clarify equipment configuration.

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24.	S10.2.2.2.3, last sentence	Reworded to clarify steam source and reflect current plant design per the updated turbine heat balance.
25.	S10.2.2.2.7, 1 st para	Added metric units (rad/s) for generator rotational speed to be consistent with project control documents.
26.	S10.2.2.2.8, 1 st para	Added, "...startup/shutdown filling/..." and "...operations..." and deleted "carbon dioxide during startup" to improve wording and clarify system operation.
27.	S10.2.2.4, 2 nd para	Changed "...typically close to..." to "...approximately..." for clarification and to be consistent with Subsection 10.2.3.4.
28.	S10.2.2.5, 14 th bullet	Edited for clarification of equipment configuration.
29.	S10.2.2.5, 15 th bullet	Edited for clarification of equipment configuration.
30.	S10.2.2.7, 5 th para, 3 rd bullet	Added "...important to overspeed protection" for clarification and to be consistent with wording in Subsection 10.2.1.2.
31.	S10.2.3.1.1	Added metric units for temperature and Cv energy and clarified lb_f to be consistent with project control documents.
32.	S10.2.3.1.2, 1 st para	Added metric units for temperature and Cv energy and clarified lb_f to be consistent with project control documents.
33.	S10.2.3.2, 2 nd para	Additional information provided regarding fracture toughness value in response to RAI 10.2-24.
34.	S10.2.3.2, 2 nd para	Added, "...actual bore specimens..." referring to Subsection 10.2.3.5 that indicates that rotors may be "...bored to...obtain material for testing" for consistency between the subsections.
35.	S10.2.3.6, 1 st para	Added, "One of the..." and changed "purpose" to "purposes" to clarify this is not the only purpose of the turbine inservice maintenance and inspection plan, also to provide consistency.
36.	S10.2.3.6, new 4 th para	Added paragraph regarding COL Applicant's requirements, for consistency with Subsection 10.2.5, and in response to RAI 10.2-26.
37.	S10.2.3.7, 1 st para	Added "...important to overspeed protection..." for clarification and to be consistent with wording in Subsection 10.2.1.2.

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38.	S10.2.3.8, 4 th para	Changed “COL Holder” to “COL Applicant” for consistency with Subsection 10.2.5, and added, “If necessary, bounding material property values may be used to perform the analysis until actual material test specimens are available for testing” in response to RAI 10.2-26.
39.	S10.2.4, 9 th para, 1 st and 2 nd bullet	Removed the number of condenser pressure transmitters, “Four” and replaced “Four position limit switches per turbine bypass valve” with “Turbine bypass valve position sensors” to reduce duplication of detailed information and make wording consistent among sections. The RPS initiating circuits are described in Subsection 7.2.1.2.4.2.
40.	S10.2.4, 10 th para	Replaced “limit switches” with “position sensors” to avoid repeating detailed design information and to make wording consistent among sections.
41.	S10.2.5, new 1 st COL item	Added new COL item regarding COL Applicant’s requirements, in response to RAI 10.2-26.
42.	S10.2.5, 2 nd COL item	Moved from old COL item 1, and changed “COL Holder” to “COL Applicant”, and added “If necessary, bounding material property values may be used to perform the analysis until actual material test specimens are available for testing” in response to RAI 10.2-26.
43.	F10.2-4	Removed equipment tags “F021” and “A001D” from figure and changed the CO2 bulk storage and H2 purge valves to normally closed. All changes made to clarify equipment configuration.
44.	S10.3.1.1, 1 st para, 4 th item	Changed “isolation” to “closure” to be consistent with wording in Tier 1, Subsection 2.11.1.
45.	S10.3.1.1, 1 st para, new 6 th item	Added, “TMSS piping provides a nominal turbine inlet (throttle) pressure that is consistent with the rated turbine heat balance, Figure 10.1-2” provided for consistency with Tier 1, ITAAC Table 2.11.1-1, Item 7.
46.	S10.3.1.1, 4 th para	Reworded and added bullet items to clarify intent and provide consistency with Tier 1, Subsection 2.11.1, and Tier 2, Figure 3.2-1.

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47.	S10.3.1.1, 5 th para	Removed sentence “This portion of the TMSS is designated as Seismic Category II and analyzed using a dynamic seismic analysis method to satisfy the SSE design loads in combination with other appropriate loads.” Because this information was incorporated into the 4 th paragraph (above) for clarification.
48.	S10.3.1.1, new 6 th para	Additional paragraph provided for consistency with Tier 1, ITAAC Table 2.11.1-1, Item 6 (reference previous DCD Rev. 2 response to RAI 3.2-42).
49.	S10.3.1.1, 7 th para	Changed “alternate leakage path” to “MSIV leakage path” to be consistent with the rest of the subsection.
50.	S10.3.2.1, 3 rd para	Removed “Rev.1” from reference to be consistent with only putting the revision level in the Chapter 1 tables.
51.	S10.3.2.3, 1 st para	Removed “Turbine Gland Seal System steam is normally self supplied from High Pressure Turbine exhaust steam at or near rated load.” This information is related to TGSS operation, not TMSS, and is redundant to that provided in Subsection 10.4.3.
52.	S10.3.6, 2 nd para	Edited sentence and corrected reference in response to RAI 10.3-4 S03.
53.	S10.3.6, 4 th para	Added, “...except Turbine Bypass System branch piping due to space limitations” to the end of the 1 st sentence to clarify system configuration. Removed “Downstream of the seismic restraint interface, the TMSS piping transitions to a larger nominal pipe size”, added “TMSS”, and changed “45.7 meters” to “50.8 meters”, and “150 feet” to “166.7 feet” to reflect changes in TMSS piping due to the development of the detailed design.
54.	S10.3.6, 5 th para	Removed “R2” from reference to be consistent with only putting the revision level in the Chapter 1 tables.
55.	S10.3.6.1	Additional information regarding the Feedwater system provided in response to RAI 10.3-4 S02.
56.	T10.3-1, 2 nd row	Revised turbine throttle pressure from “6.67 MpaA” to “6.79 MpaA” to reflect changes in TMSS piping due to the development of the detailed design and changed mass flow units and associated value from “kg/s” to “kg/hr” to be consistent among sections.

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57.	T10.3-1, 3 rd and 5 th row	Changed “45.7 (150)” to “50.8 (166.7)”.... And “80 (32)” to “75 (30)” to reflect changes in TMSS piping due to the development of the detailed design.
58.	T10.3-1, footnote	Replaced “Values” with “Operating parameters are” to clarify applicability of the footnote, and replaced “representative” with “rounded (approximate)” to reflect the rounding practice employed.
59.	T10.3-2	Added information regarding Welding Filler Metals in response to RAI 10.3-4 S03.
60.	F10.3-1	Revised figure to remove reference to N39 for auxiliary steam loads, change the system boundary flag for the sampling system from N39 to P33, add redundant steam control valves and to show steam isolation valve normally open for the 7 th stage Feedwater heaters, and to remove 1 st stage reheater extraction steam (this is added to Figure 10.4-7a, High Pressure Extraction), combined TBS pressure reducers with the valve assembly, all to clarify system interfaces.
61.	F10.3-2	Revised figure to remove names of the RSWLV valve and RSSV valve as these tend to be vendor specific names, and change the drain for the moisture separator going to the #4 feedwater heater instead of the #5 heater to be consistent with the updated heat balance.
62.	S10.4.1.1.1, 1 st para	Added wording “structural members” for consistency with other sections in the chapter and the wording in Tier 1, ITAAC Table 2.11.7-1, Item 1.
63.	S10.4.1.1.2, 2 nd bullet	Added “...or turbine trip” to be consistent with Subsection 10.4.4.1.2.
64.	S10.4.1.1.2, new 3 rd bullets	Added new 3 rd bullet to describe the condenser requirement to accommodate turbine bypass steam flow following loss of preferred power to be consistent with Tier 1 ITAAC Table 2.11.7-1 Item 2.
65.	S10.4.1.2.1, 2 nd para	Changed “two tube bundles” to “two parallel circulating water flow paths” to allow flexibility in condenser tube bundle design.
66.	S10.4.1.2.1, 3 rd para	Removed “high pressure” due to variations in condenser hotwell designs and to allow flexibility in detailed design.

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67.	S10.4.1.2.3, 3 rd para	Additional information provided to clarify bypass system design and operation and provided consistency with Subsections 15.2.2.2 and 15.2.2.4.
68.	S10.4.1.2.3, 4 th and 5 th para	Moved sentences from 4 th para to new 5 th para to provide continuity and clarify description.
69.	S10.4.1.3, 6 th para	First sentence edited to clarify that various actions occur as condenser vacuum degrades, not on complete loss of vacuum.
70.	S10.4.1.5.2, 1 st para	Removed “four independent” to reduce duplication of detailed information. The RPS initiating circuits are described in Subsection 7.2.1.2.4.2.
71.	S10.4.2.2, 4 th para	Edited to allow flexibility in plant vent design.
72.	S10.4.2.2, 6 th para	Clarified SJAE steam source is main steam based on new Turbine Heat Balance calculations.
73.	S10.4.2.5.2, 1 st para	Edited to allow flexibility in plant vent design.
74.	S10.4.3.1.2, 2 nd bullet	Edited to allow flexibility in plant vent design.
75.	S10.4.3.2.2, 2 nd para	Removed last sentence: “In low load and normal operation, main steam or extraction steam is a supply to the turbine gland seal system” and replaced with, “During normal low load operation, main steam is supplied to TGSS. During normal operation, steam is supplied from the high pressure turbine pressure packing to TGSS. Main or extraction steam is used to augment this supply as necessary to maintain seal header pressure” to clarify system operation.
76.	S10.4.3.3, 2 nd para	Edited to allow flexibility in plant vent design.
77.	S10.4.3.5.1.4	Edited to allow flexibility in plant vent design.
78.	S10.4.4, 1 st para	Added “startup” to more accurately reflect plant design.
79.	S10.4.4.1.2, 1 st bullet	Added, “...minimum...” and “...greater than or equal to...” to be consistent with wording in Tier 1, ITAAC Table 2.11.6-1, Item 4.
80.	S10.4.4.1.2, 3 rd bullet	Removed “...without lifting of the reactor SRVs and...” to be consistent with Subsection 7.7.5.
81.	S10.4.4.1.2, new 5 th , 6 th and 7 th bullets	Additional information provided to be consistent with wording in Tier 1, ITAAC Table 2.11.6-1, Items 5, 6, & 7.

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82.	S10.4.4.2.1, 3 rd para	Added, "...minimum..." and "...greater than or equal to..." to be consistent with wording in Tier 1, ITAAC Table 2.11.6-1, Item 4.
83.	S10.4.4.2.1, 3 rd para	Removed "Failure of a single TBV to open does not result in a system capacity less than 100% of rated main steam flow" because this is not required by any design document or abnormal event analysis.
84.	S10.4.4.3, 1 st para	Removed "four" to reduce duplication of detailed information. The RPS initiating circuits are described in Subsection 7.2.1.2.4.2.
85.	S10.4.5.1.2, 3 rd bullet	Added text (consistent with changes to Subsection 10.4.1.2.3) to clarify system design/operation.
86.	S10.4.5.2.1, 2 nd para	Removed "...water entering the CIRC and..." to be consistent with the change made in Table 10.4-3.
87.	S10.4.5.8, new 3 rd para	Added, "The normal power heat sink can be used as a cooling water supply for the Plant Service Water System depending on site specific design (Subsection 9.2.1)" to provide a cross reference to the plant service water system.
88.	S10.4.6.1.2, 3 rd bullet	Added "Continued operation with minor condenser circulating water leaks is controlled by site specific chemistry threshold values and recommended operator actions, reference Subsection 10.4.6.3." to clarify operation is within the requirements of the chemistry program.
89.	S10.4.6.2.3, 2 nd para	Removed "...volumetric throughput, or age..." as conditions to terminate a demineralizer run to clarify system operation.
90.	S10.4.6.3, 4 th para	Added, "The Condensate Purification System is designed to enable unit operation within the guidelines of EPRI's "BWRVIP-130: BWR Vessel and Internals Project BWR Water Chemistry Guidelines." In response to RAI 10.4-15.
91.	S10.4.7.1.2, 2 nd bullet	Changed "anticipated operational occurrences" to "abnormal events" to be consistent with Tier 1, ITAAC Table 2.11.2-1, Item 2.
92.	S10.4.7.1.2, new 3 rd , 4 th , 5 th , and 9 th bullet	Additional information provided to be consistent with Tier 1, ITAAC Table 2.11.2-1, Items 3, 4, 5 and 8.
93.	S10.4.7.1.2, 6 th bullet	Added, "...reactor..." and "...one FW booster pump..." to clarify equipment configuration.

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94.	S10.4.7.2.1, 2 nd para	Added, "...four 33.3% nominal capacity FW booster pumps (three normally in operation and one on automatic standby)..." and edited last two sentences to clarify equipment configuration. Moved "...that supplies heated Feedwater to the suction of the reactor FW pumps..." information to the 4 th paragraph to improve wording in the section.
95.	S10.4.7.2.1, 3 rd para	Edited paragraph for clarity and added, "...the moisture separator drain tanks and low pressure extraction steam" to be consistent with the updated Turbine Heat Balance Figure 10.1-2.
96.	S10.4.7.2.1, 4 th para	Added, "The FW booster pumps take suction from the open feedwater tank and provide adequate suction head for the reactor FW pumps" to clarify equipment configuration. (Information moved from 2 nd paragraph above.)
97.	S10.4.7.2.1, 5 th para	Removed "reactor" to clarify the bypass is around both the feedwater booster pumps and the reactor feedwater pumps, now referring to both sets of pumps generically as FW pumps.
98.	S10.4.7.2.1, new 8 th and 9 th para	Additional paragraphs added to clarify the FAC program, in response to RAI 10.3.6 S03.
99.	S10.4.7.2.2.2	Revised wording to match wording in Subsection 10.4.7.1.2, 7 th bullet related to long term operation with one low pressure heater string out of service, to maintain consistent wording throughout the section.
100.	S10.4.7.2.2.4	Added "...and reheater..." to clarify equipment configuration.
101.	S10.4.7.2.2.6, new	Added "Feedwater Booster Pumps" subsection to provide information specific to the FW booster pumps that was previously provided in the reactor FW pump section.
102.	S10.4.7.2.2.7	Old Subsection "10.4.7.2.2.6 Reactor Feedwater Pumps" changed to Subsection 10.4.7.2.2.7, due to new subsection added for the booster pumps.
103.	S10.4.7.2.2.7, 1 st para	Removed second sentence and added "...take suction from the FW booster pumps and..." to clarify equipment configuration due to the addition of the separate drives for the booster pumps.

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104.	S10.4.7.2.3, 1 st para	Added, “The condensate rejection control valve(s) may be operated in manual mode to select the desired reject rate to the condensate storage tank” to clarify system operation.
105.	S10.4.7.2.3, 2 nd para	Added reference to Feedwater Control System to clarify system operation and point to FWCS information in Subsection 7.7.3.
106.	S10.4.7.3, 4 th para	Removed sentence and added “Feedwater Piping upstream of the seismic interface restraint is nonseismic as described in Section 3.2.” to reference Figure 3.2-2 to clarify seismic qualification of the Feedwater piping.
107.	S10.4.7.3, 5 th para	Removed “Rev.1” from reference to be consistent with only putting the revision level in the Chapter 1 tables. Removed sentence “The ESBWR design utilizes design features, such as keep full system water lines, that minimize the occurrence of water hammer incidents.” in response to RAI 10.4-16.
108.	S10.4.7.5, 1 st para	Revised to be more general and reference Subsection 7.7.3 for details to avoid repeating detailed design information in different chapters of the DCD.
109.	S10.4.7.5, 2 nd para	Revised to allow flexibility in the placement of the Feedwater pump flow elements (in suction or discharge). Also added “...FW booster pump and...” to clarify equipment configuration.
110.	S10.4.7.5, 4 th para	Added, “The condensate rejection control valve(s) may be operated in manual mode to select the desired reject rate to the condensate storage tank” to clarify system operation.
111.	T10.4-1, 7 th row	Changed “0.35 (0 to 50.76)” to “0.21 (0 to 30)” to reflect updated information resulting from development of the condenser detailed design.
112.	T10.4-1, 8 th row	Updated Hotwell Storage Capacity and indicated this is the minimum value to reflect the detailed design.
113.	T10.4-1, 9 th row	Changed “Channel” to “Tube side” to clarify nomenclature. Also added, “(varies with Normal Power Heat Sink Design)” to clarify system interface considerations.
114.	T10.4-1, 10 th row	Added “Typical” to indicate that tube surface area will vary depending on tube material and diameter. A typical value is provided in the table.

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115.	T10.4-1, 14 th row	Added "... (approximate, may be adjusted by turbine manufacturer)..." to allow the alarm setpoint for high condenser pressure turbine alarm to be set by the turbine manufacturer based on the turbine design.
116.	T10.4-1, footnote	Added second footnote to clarify condenser shell design pressure per industry standard.
117.	T10.4-2, 3 rd , 4 th , and 5 th row	Added information regarding SJAE stages and intercondensers for further clarification and to be consistent with Figure 10.4-2.
118.	T10.4-2, 8 th row, Steam Supply Source	Removed "Normal" and changed SJAE steam supply source from cross around to main steam or auxiliary steam to reflect updated system configuration from new Turbine Heat Balance calculations.
119.	T10.4-2, 7 th row and footnote	Added note to clarify SJAE steam pressure requirements.
120.	T10.4-3, Operating Temperatures section	Removed row regarding the clarification of design of the CIRC water temperature conditions as it was confusing and unnecessary. Revised the maximum temperature for bypass operation from "Maximum CIRC temperature for 100% turbine bypass capability, °C (°F)" to "Maximum CIRC temperature to accommodate the bypass flow resulting from a turbine trip, 100% load reject, or island mode, in conjunction with the power reduction resulting from SRI/SCRRI function, °C (°F)" to clarify the circulating water requirements to support turbine bypass system operation.
121.	T10.4-4, and footnote	Added "average" to clarify total condensate filter flow and clarified new resin hoppers and storage tank and receiving tank wording to be consistent with the detailed design. Added footnote, "Operational parameters are shown for rated operation. These are rounded (approximate) values for the ESBWR standard plant cycle, actual values can vary slightly" to allow flexibility in detailed design.
122.	T10.4-5, Condensate Piping section	"Normal flowrate" row, changed "6.59 x 10 ⁶ (14.5 x 10 ⁶)" to 5.81 x 10 ⁶ (12.8 x 10 ⁶)" and in the "Fluid temperature" row, changed "145.5° (294°)" to "143° (290°)" to reflect the updated turbine heat balance in Figure 10.1.2, and to be consistent among sections.

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123.	T10.4-5, Main Feedwater Piping section, Design flowrate row	Changed “Design (VWO)” to “Normal” and changed “ 9.1×10^6 (20×10^6)” to 8.75×10^6 (19.3×10^6)” to reflect the updated turbine heat balance, in Figure 10.1.2, and to be consistent among sections.
124.	T10.4-5, 1 st footnote	Added footnote, “Operational parameters are shown for rated operation. These are rounded (approximate) values for the ESBWR standard plant cycle; actual values can vary slightly” to allow flexibility in detailed design.
125.	T10.4-5, 2 nd footnote	Added, “...for power maneuvering” to clarify purpose of FFWT variation.
126.	T10.4-6, MSR drain tanks row	Added, “Operation continues within the time and power limitations allowed by the condenser design.” to clarify that the alternate drain is not designed for continuous use at rated power due to potential cumulative damage to the condenser.
127.	T10.4-6, new FW Booster Pump row	Added component “FW Booster Pump” to clarify equipment configuration.
128.	F10.4-1	Revised figure to spell out LP (Low Pressure), IP (Intermediate Pressure), and HP (High Pressure) condenser for consistency among the chapters.
129.	F10.4-2	Revised figure to show SJAЕ effluent going to the offgas system, not to the plant vent stack to be consistent with other chapters and sections. Also replaced the isolation MOVs with pneumatic valves to reflect the detailed design.
130.	F10.4-3	Revised figure to spell out LP (Low Pressure) and HP (High Pressure) turbine for consistency among the chapters.
131.	F10.4-4	Removed figure not referenced in the text. A more complete figure is contained in Chapter 7, Figure 7.7-5.
132.	F10.4-5	Revised figure to replace “Turbine Building Sampling System” with “Process Sampling System” to be consistent with the ESBWR system designations and remove unneeded information from the “recycle” path to simplify the figure and standardize valve symbols.
133.	F10.4-6a	Revised figure to add drains from #7 heaters to the #4 heater per the turbine heat balance, and added the drains for the #3 heater extraction lines to the condenser and the non return valve isolation valves to be consistent with the detailed design.

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134.	F10.4-6b	Revised figure to add drain isolation valves, separate the #1 heater drain cooler from the #1 heater and added drain cooler level control valves, added vent to #1 heater, all to make figure consistent with the detailed design.
135.	F10.4-7a	Revised figure to add high pressure extraction steam to the 1 st stage reheaters (moved to this figure from the TMSS Figure 10.3-1) and to change the No. 5 Feedwater heater heating steam supply to cold reheat steam to reflect the updated heat balance, and for consistency among the sections.
136.	F10.4-7b	Revised figure to make it a “Typical Train” drawing, added the #7 feedwater heaters and added the moisture separator drains going to the #4 feedwater heater to be consistent with the updated heat balance and detailed design.