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KNIGHTON, G. W. PWR Project Directorate 7

SUBJECT: Application for amend to Licnese NPF-41, revising Tech Specs to eliminate typos, provide clarification, improve consistency & adjust nomenclature. Fee paid.

See Prop Changes

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Arizona Nuclear Power Project
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July 23, 1986
ANPP-37458-JGH/JRP/98.05

Director of Nuclear Reactor Regulation
Attention: Mr. G. W. Knighton, Project Director
PWR Project Directorate #7
Division of Pressurized Water Reactor Licensing - B
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528 (License NPF-41)
Technical Specification Amendment - Miscellaneous
File: 86-005-419.05; 86-B-056-026

Dear Mr. Knighton:

Attached, please find proposed changes to the PVNGS Unit 1 Technical Specifications covering various sections that are being amended to be consistent with Unit 2. The changes presented herewith were previously discussed with and agreed to by your staff during the PVNGS Unit 2 Technical Specification review process and have been incorporated into the PVNGS Unit 2 license.

By this letter, we are requesting that the attached proposed changes be incorporated into the Unit 1 Technical Specifications. Attachment 1, to this letter, is the no significant hazards consideration for your review and approval. Attachment 2 consists of various marked up pages for inclusion into the Unit 1 Technical Specifications.

In accordance with the requirements of 10 CFR 170.12(c), the license amendment application fee of $150.00 is also enclosed.

If you have any questions, please call.

Very truly yours,

JGHaynes

J. G. Haynes
Vice President
Nuclear Production

JGH/JRP/rw
Attachments

cc: Director, Region V, USNRC
NRC Project Manager, E. A. Licitra
NRC Resident Inspector, R. P. Zimmerman
E. E. Van Brunt, Jr.
Director ARRA, C. E. Tedford

A001
1/1

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DESCRIPTION OF AMENDMENT REQUEST:

The proposed changes would revise the Palo Verde Nuclear Generating Station Unit 1 Technical Specifications to eliminate typographical errors, provide additional clarification, improve consistency, adjust nomenclature and bring the Technical Specifications into conformance with the guidance in recent Generic Letters. It would also bring portions of the specifications into conformance with current NRC staff positions, incorporate Unit 2 information where appropriate, and make other minor changes.

A primary objective of the amendment request is to achieve a single Technical Specification document that is common for Units 1 and 2 with individual specifications for each unit clearly identified, as appropriate. In this regard, the proposed changes to the Unit 1 Technical Specifications are consistent with the Unit 2 Technical Specifications. Furthermore, the Unit 1 proposed changes have already been incorporated by the Commission into the current Unit 2 Technical Specifications as part of License No. NPF-51.

NO SIGNIFICANT HAZARDS CONSIDERATION:

A) The proposed amendment request does not involve a significant hazards consideration because:

The operation of PVNGS Unit 1 in accordance with the changes would not:

1) Involve a significant increase in the probability or consequences of an accident previously evaluated because;

The proposed changes would revise the PVNGS Unit 1 Technical Specifications to eliminate typographical errors, provide additional clarification, improve consistency, adjust nomenclature and make other minor changes. Therefore, the proposed changes would not increase the probability or consequences of an accident.

2) Create the possibility of a new or different kind of accident from any accident previously evaluated because;

A primary objective of the amendment request is to achieve a single Technical Specification document that is common to Units 1 and 2. Furthermore, the Unit 1 proposed changes have already been incorporated by the Commission into the current Unit 2 Technical Specifications as part of License NPF-51.

3) Involve a significant reduction in a margin of safety;

The margin of safety, as defined in the Technical Specifications, will not be reduced due to the proposed changes. The changes address administrative corrections to achieve Technical Specifications similar to those in Unit 2 which have been approved by the staff.

B) The proposed amendment matches the guidance concerning the application of standards for determining whether or not a significant hazards consideration exists (48 FR 14870).(i) a purely administrative change to the Technical Specifications; for example, a change to achieve consistency throughout Technical Specifications, correction of an error, or a change in nomenclature.

INDEX OF PROPOSED CHANGES

The following is a description of the proposed changes to the current Unit 1 Technical Specifications.

1. Page I, INDEX; in Section 1.3 AZIMUTAL POWER TILT, add the term $-T_q$.

2. Page I, INDEX; in Section 1.17 OFFSITE DOSE CALCULATION MANUAL, add the term: (ODCM).

3. Page I, INDEX; in Section 1.23 PROCESS CONTROL PROGRAM, add the term: (PCP).

4. Page V, INDEX; in Section 3/4.2.2 PLANAR RADIAL PEAKING FACTORS, add the term: F_{xy}.

5. Page V, INDEX; in Section 3/4.2.3 AZIMUTHAL POWER TILT, add the term: $-T_q$.

6. Page VI, INDEX; in Section 3/4.4.8 REACTOR COOLANT SYSTEM, change 3/4 4-29 to 3/4 4-28.

7. Page VI, INDEX; in Section 3/4.4.8 PRESSURIZER HEATUP/COOLDOWN LIMITS, change 3/4 4-32 to 3/4 4-31.

8. Page VI, INDEX; in Section 3/4.4.8 OVERPRESSURE PROTECTION SYSTEMS, change 3/4 4-33 to 3/4 4-32.

9. Page VIII, INDEX; in Section 3/4.8.1 A.C. SOURCES, add CATHODIC PROTECTION 3/4 8-8a.

10. Page XI, 3/4.3.3 MONITORING INSTRUMENTATION - B 3/4 3-2 is changed to B 3/4 3-3.

11. Page XII, 3/4.4.6 CHEMISTRY - B 3/4 4-4 is changed to B 3/4 4-5.

12. Page XII, INDEX, Delete the heading CE-ATMOSPHERIC TYPE CONTAINMENT.

13. Page XVI, INDEX; in Section 6.2.3 INDEPENDENT SAFETY ENGINEERING GROUP add (ISEG).

14. Page XVI, INDEX; in Section 6.5.1 PLANT REVIEW BOARD add (PRB).

15. Page XVI, INDEX, in Section 6.5.2 TECHNICAL REVIEW AND CONTROL, add the word "ACTIVITIES".

16. Page XVII, INDEX, in Section 6.9.1 MONTHLY OPERATING REPORT, change 6-17 to 6-18.

0455K/0020K

17. Page XVII, INDEX; in Seciton 6.9.1 ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT, change 6-17 to 6-18.

18. Page XVII, INDEX; in Section 6.9.1 SEMIANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT, change 6-18 to 6-19.

19. Page XVIII, INDEX; in Section 6.14 OFFSITE DOSE CALCULATION MANUAL, change 6-23 to 6-24.

20. Page XVIII, INDEX; delete Section 6.16 PRE-PLANNED ALTERNATE SAMPLING PROGRAM 6-25.

21. Page XIX, INDEX; List of Figures, Figure 3.4-1 change 3/4 4-28 to 3/4 4-27.

22. Page XIX, INDEX; List of Figures; Figure 3.4-2 change 3/4 4-30 to 3/4 4-29.

23. Page XX, INDEX; List of Tables, change 3.3-9 to 3.3-9A and delte the words DISCONNECT SWITCHES AND CONTROL CIRCUITS.

24. Page XX, INDEX; List of Tables, Add the following: 3.3-9B REMOTE SHUTDOWN DISCONNECT SWITCHES 3/4.3-50

25. Page XXI, INDEX; List of Tables, Add the following: 3.3-9C REMOTE SHUTDOWN CONTROL CIRCUITS 3/4 3-53.

26. Page XXI, INDEX; List of Tables, 4.3-7 change 3/4 3-59 to 3/4 3-60.

27. Page 1-5, definition 1.27; "specified in Section 50.73", change to read "specified in Sections 50.72 and 50.73 . . . ."

28. Page 3/4 1-4, in specification 3.1.1.3; APPLICABILITY, place a period after 2*#.

29. Page 3/4 1-8; Surveillance Requirements Section 4.1.2.2 should be 4.1.2.2.1.

30. Page 3/4 1-8; Surveillance Requirements Section 4.1.2.3 should be 4.1.2.2.2.

31. Page 3/4 1-14, in specification 3.1.2.7; ACTION a.1, move the period to the right of the asterisk.

32. Page 3/4 1-21, in specification 3.1.3.1, ACTION c.2.a; add figure 3.1.2A to those listed so it should read "Figures 3.1-2A, 3.1-3 and 3.1-4 . . . ."

33. Page 3/4 1-22, in specification 3.1.3.1, ACTION f, change Specification 4.1.3.2 to Specification 4.1.3.1.2, ...

34. Page 3/4 1-25, in specification 3.1.3.2 ACTION C, move the period to the right of the asterisk.

35. Page B 3/4 1-2, in specification 3/4.1.2: delete the and between (3) and (4). Add an and after (4) and add (5) "the volume control tank (VCT) outlet valve CH-UV-501, capable of isolating the VCT from the changing pump suction line." This was added at the staffs request.

36. Page 3/4 2-2, in specification 3.2.2 APPLICABILITY, move the period to the right of the asterisk.

37. Page 3/4 2-3, in specification 3.2.3 APPLICABILITY, move the period to the right of the asterisk.

38. Page 3/4 2-9, in specification 3.2.6 APPLICABILITY, add a period after 2*#.

39. Page 3/4 2-12, in specification 3.2.8 APPLICABILITY, move the period to the right of the asterisk.

40. Page 3/4 3-5, TABLE 3.3-1, ACTION STATEMENTS, ACTION 2 reference to Specification 6.5.1.6.h is incorrect, the proper Specification is 6.5.1.6.g.

41. Page 3/4 3-8, TABLE 3.3-1, ACTION STATEMENTS, ACTION 6.b.4 add figure 3.1-2B after Specification 3.1.3.1.

42. Page 3/4 3-8, TABLE 3.3-1, ACTION STATEMENTS, ACTION 6.C.1.C, add the words "on figure 3.2-2 of" between Limit Line and Specification 3.2.4."

43. Page 3/4 3-9, TABLE 3.3-1, ACTION STATEMENTS, ACTION 6.C.4, add the words "figure 3.1-2B" after Specification 3.1.3.1.

44. Page 3/4 3-16, TABLE 4.3-1 TABLE NOTATIONS, item (8) the word "differential" was spelled incorrectly.

45. Page 3/4 3-16, TABLE 4.3-1 TABLE NOTATIONS, item (9) add the word (current) between correct and values and delete the words per Specification 2.2.2.

46. Page 3/4 3-22, TABLE 3.3-3 Item IX in the APPLICABLE MODES column delete the "#" sign after All Modes.

47. Page 3/4 3-23, TABLE 3.3.3 TABLE NOTATIONS; delete the # sign.

48. Page 3/4 3-23, TABLE 3.3-3 ACTION STATEMENTS, ACTION 13. Specification 6.5.1.6h is incorrect, the correct Specification is "6.5.1.6.g".

49. Page 3/4 3-24, TABLE 3.3.3 ACTION STATEMENTS, ACTION 14. Last paragraph, change the reference from ACTION 14 to 13.

50. Page 3/4 3-29, TABLE 3.3-5 Item 7.b Auxiliary Feedwater (turbine drive), upper case T & D for Turbine Drive.

51. Page 3/4 3-36, TABLE 4.3-2 (Continued) TABLE NOTATION (3). In TRAIN A delete CIAS A and K205, and in TRAIN B delete CIAS B K205.

52. Page 3/4 3-38, TABLE 3.3-6 RADIATION MONITORING INSTRUMENTATION, footnote ###, delte the words "of Specification 6.16. There is no specification 6.16.

53. Page 3/4 3-39, TABLE 3.3-6 (Continued) ACTION 26, change the word recirculation to "essential filtration".

54. Page 3/4 3-39, TABLE 3.3-6 (Continued) ACTION 28, Item (1); delete the term "of Specification 6.16".

55. Page 3/4 3-48, Section 3.3.3.5, after the words TABLE 3.3-9 add A-C.

56. Page 3/4 3-48, Section 3.3.3.5 ACTION STATEMENT a., after the words TABLE 3.3-9 add A-C.

57. Page 3/4 3-49, TABLE 3.3-9, add A after TABLE 3.3-9 and delete the words DISCONNECT SWITCHES AND CONTROL CIRCUITS from the title.

58. Page 3/4 3-50, add the title heading: TABLE 3.3-9B REMOTE SHUTDOWN DISCONNECT SWITCHES.

59. Page 3/4 3-50 Disconnect Switches - Changes were made to correctly identify the switches and/or locations.

1.	SG1 line 2 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-178A and SGB-HY-178R.	
2.	SG2 line 1 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-185A and SGB-HY-185R.	
5.	Reactor Coolant Pump Controlled Bleedoff, CHB-UV-505.	
8.	Auxiliary Feedwater Pump B to SG1 Block Valve, AFB-UV-34.	
9.	Auxiliary Feedwater Pump B to SG2 Block Valve, AFB-UV-35.	
16.	SG1 line 2 Atmospheric Dump Valve Solenoid Air Isolation Valves SGD-HY-178B and SGD-HY-178S.	
17.	SG2 line 1 Atmospheric Dump Valve Solenoid Air Isolation Valves SGD-HY-185B and SGD-HY-185S.	
18.	Control BLDG Battery Room D Essential Exhaust Fan 'HJB-J01A'.	PHB-M3205
19.	Control BLDG Battery Room B Essential Exhaust Fan 'HJB-J01B'.	PHB-M3205
20.	Battery Charger D Control Room Circuits PKD-H14.	PHB-M3209 and PKD-H14

21. ESF Switchgear Room Essential AHU-HJB-Z03 PHB-M3205.

24. Essential Spray Pond Pump SPB-P01 Breaker Control.

60. Page 3/4 3-51, add the title heading: TABLE 3.3-9B (Continued) REMOTE SHUTDOWN DISCONNECT SWITCHES.

61. Page 3/4 3-51 Disconnect Switches - Changes were made to correctly identify the switches and/or locations.

25. Essential Chiller ECB-E01 Breaker Control.

26. E-PBB-S04J 4.16KV Feeder Breaker to 480V Load Center PGB-L32.

27. E-PBB-S04H 4.16KV Feeder Breaker to 480V Load Center PGB-L34.

28. E-PBB-S04N 4.16KV Feeder Breaker to 480V Load Center PGB-L36.

31. Supply Breaker to Load Center PGB L32.

32. Supply Breaker to Load Center PGB L34.

33. Supply Breaker to Load Center PGB L36.

34. Charging Pump No. 2 CHB-P01.

35. Switch HS-2A.

36. Switch HS-2B.

37. Switch HS-2.

44. CS Pump B Discharge to SD HX B SIB-HV-689.

45. Shutdown Cooling LPSI Suction SIB-UV-656.

48. LPSI-CS to SD HX B.

49. SD HX "B" to RC Loops.

62. Page 3/4 3-52, add the title heading: TABLE 3.3.9B (Continued) REMOTE SHUTDOWN DISCONNECT SWITCHES.

63. Page 3/4 3-52 Disconnect Switches - Changes were made to correctly identify the switches and/or location.

50. LPSI-SD HX "B" Bypass SIB-HV-307.

51. LPSI Pump "B" Recirc SIB-UV-668.

52. LPSI Pump "B" Suction from RWT SIB-HV-692.

53. SD Cooling LPSI Pump "B" Suction SIB-UV-652.

54. SD Cooling LPSI Pump "B" Suction SIB-UV-654.

55. LPSI Header "B" to RC Loop 2A SIB-UV-615.

56. LPSI Header "B" to RC Loop 2B SIB-UV-625.

57. VCT Outlet Isolation CHN-UV-501.

59. Shutdown Cooling Temperature Control SIB-UV-658.

68. RCS Sample Isolation Valve SSB-UV-200 SSA-J04.

64. Page 3/4 3-53, add the title heading: TABLE 3.3-9C REMOTE SHUTDOWN CONTROL CIRCUITS.

65. Page 3/4 3-53 Control Circuits - Changes were made to correctly identify the circuits and/or location.

2. Auxiliary Feedwater Pump B to S/G 1.

9. Letdown to Regen HX Isolation Valve CHB-UV-515.

10. RCP Cont Breedoff Valve CHB-UV-505.

11. Volume Control Tank Outlet Isolation Valve CHN-UV-501.

12. RWT Gravity Feed Isolation Valve CHE-HV-536

13. S/G 1 line 2 Atmospheric Dump Valve Controller SGB-HIC-178B.

14. S/G 1 line 2 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-178A and SGB-HY-178R.

15. S/G 1 line 2 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-178B and SGB-HY-178S.

16. S/G 2 line 2 Atmospheric Dump Valve Controller SGB-HIC-185B.

17. S/G 2 line 1 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-185A and SGB-HY-185R.

18. S/G 2 line 1 Atmospheric Dump Valve Solenoid Air Isolation Valves SGB-HY-185B and SGB-HY-185S.

22. E-PBB-S04H 4.16KV Feeder Breaker to 480V Load Center PGB-L-34 Supply Breaker.

23. E-PBB-S04J 4.16KV Feeder Breaker to 480V Load Center PGB-L-32 Supply Breaker.

24. E-PBB-S04N 4.16KV Feeder Breaker to 480V Load Center PGB-L-36 Supply Breaker.

25. E-PGB-L32B2 480V Main Supply Breaker to Load Center PGB-L-32. PGB-L32B1

26. E-PGB-L34B2 480V Main Supply Breaker to Load Center PGB-L-34. PGB-L34B1

66. Page 3/4 3-54, add the title heading: TABLE 3.3-9C (Continued) REMOTE SHUTDOWN CONTROL CIRCUITS.

67. Page 3/4 3-54 Control Circuits - changes were made to correctly identify the circuits and/or locations.

27. E-PGB-L36 480V Supply Breaker to Load Center PGB-L-36. PGB-L36B1

31. Essential Spray Pond Pump SPB-P01.

39. SIT 2A Vent Valve - SIB-HV-613.

40. SIT 2B Vent Valve - SIB-HV-623.

41. SIT 1A Vent Valve - SIB-HV-633.

42. SIT 1B Vent Valve - SIB-HY-643.

44. Containment Spray Pump B Discharger to SD HX "B" Valve SIB-HV-689.

45. LPSI Containment Spray from SD HX "B" X-tie Valve SIB-HV-695.

46. Shutdown Cooling LPSI Suction Valve SIB-HV-656.

47. Shutdown Cooling Warmup Bypass Valve SIB-HV-690.

48. LPSI Containment Spray to SD HX "B" X-tie Valve SIB-HV-694.

68. Page 3/4 3-55, add the title heading: TABLE 3.3-9C (Continued) REMOTE SHUTDOWN CONTROL CIRCUITS.

69. Page 3/4 3-55, Control Circuits - changes were made to correctly identify the circuits and/or locations.

49. SD HX "B" to RC Loops 2A/2B Valve SIB-HV-696.

50. LPSI SD HX "B" Bypass Valve SIB-HV-307.

51. LPSI Pump B Recirc Valve SIB-HV-688.

52. LPSI Pump B Suction From RWT SIB-HV-692.

53. RC Loop to Shutdown Cooling Valve SIB-UV-652.

54. RC Loop to Shutdown Cooling Valve SIB-UV-654.

55. LPSI Header B to RC Loop 2A Valve SIB-UV-615.

56. LPSI Header B to RC Loop 2B Valve SIB-UV-625.

58.	Control Room Ventilation Isolation Dampers (HJB-M01/HJB-M55)	RSP
59.	O.S.A. Supply Damper HJB-M02	RSP
60.	O.S.A. Supply Damper HJB-M03	RSP
61.	Diesel Generator "B" Emergency Start	DGB-B01
66.	RCS Sample Isolation Valve SSA-UV-203	SSA-J04
67.	RCS Sample Isolation Valve SSB-UV-200	SSB-J04

70. Page 3/4 3-58, TABLE 3.3-10; the table heading should read POST ACCIDENT MONITORING INSTRUMENTATION.

71. Page 3/4 3-59, this page should be renumbered to 3/4 3-60.

72. Page 3/4 3-60 TABLE 4.3-7 should be TABLE 3.3-10, and the page should be re-numbered to 3/4 5-59.

73. Page 3/4 3-73, TABLE 3.3-13 (Continued) Item 3.A.a, b, c, d, e; add a triple asterisk to APPLICABILITY column modes 3***, 4***.

74. Page 3/4 3-73, TABLE 3.3-13 (Continued) Item 3.B.a, b, c, d; add a triple asterisk to APPLICABILITY column modes 3***, 4***.

75. Page 3/4 3-75, TABLE 3.3-13, TABLE NOTATION add a *** triple asterisk with the statement "wherever the condenser air removal system is in operation, or whenever turbine glands are being supplied with steam from sources other than the auxiliary boiler(s). (The staff requested this statement be included).

76. Page 3/4 3-75, TABLE 3.3-13, ACTION 37, (A) or (B) is to be changed to (a) or (b) and add "or (c).

    In (a) delete the words "of specification 6.16".

    In (b) delete the words "or take grab samples at least once per 12 hours.

    In (c) add the following "Take grab samples at least once per 12 hours.

77. Page 3/4 3-76, in TABLE 3.3-13, TABLE NOTATION, ACTION 42 a. delete the term "of Specification 6.16".

78. Page 3/4 3-78, TABLE 4.3-8 (Continued) ITEM 3.a, b, c, d, e; add a triple asterisk to "MODE IN WHICH SURVEILLANCE IS REQUIRED" column modes 3***, 4***.

79. Page 3/4 3-80, TABLE 4.3-8, TABLE NOTATIONS add a *** triple asterisk with the statement "whenever the condenser air removal system is in operation, or whenever turbine glands are bieng supplied with steam from sources other than the auxiliary boiler(s). (The staff requested that this statement be included).

80. Page B 3/4 3-1, delete paragraphs 5 and 6. These do not add anything to the BASES section and the staff agreed to delete these paragraphs.

81. Page B 3/4 3-2, delete the third paragraph. It does not add anything to the BASES section and the staff has agreed to delete the paragraph.

82. Page B3/4 3-3, Section 3/4.3.3.3 SEISMIC INSTRUMENTATION, add the following sentence to the end of the paragraph. The seismic instrumentation for the site is located in TABLE 3.3-7.

83. Page B3/4 3-5, delete the term FIRE DETECTION INSTRUMENTATION and replace it with the term POST-ACCIDENT MONITORING INSTRUMENTATION.

84. Page 3/4 4-1, in specification 3.4.1.1 APPLICABILITY, move the period to the right of the asterisk.

85. Page 3/4 4-2, in specification 3.4.1.2 move the period to the right of the asterisk.

86. Page 3/4 4-2, in specification 3.4.1.2 APPLICABILITY, move the period to the right of the # sign.

87. Page 3/4 4-2, in specification 4.4.1.2.3, after the word OPERABLE add the word "by".

88. Page 3/4 4-3, in specification 3.4.1.3, move the period to the right of the asterisk.

89. Page 3/4 4-3, in specification 3.4.1.3 a., move the comma to the right of the double asterisk.

90. Page 3/4 4-3, in specification 3.4.1.3 b., move the comma to the right of the double asterisk.

91. Page 3/4 4-3, in specification 3.4.1.3 APPLICABILITY, move the period to the right of the # sign.

92. Page 3/4 4-5, in the footnotes move the asterisk footnote ahead of the # footnote.

93. Page 3/4 4-6, in specification 3.4.1.4.2, move the period to the right of the asterisk.

94. Page 3/4 4-7, in specification 3.4.2.1, move the period to the right of the asterisk.

95. Page 3/4 4-8, in specification 3.4.2.2, move the period to the right of the asterisk.

96. Page 3/4 4-10, in specification 4.4.3.2.2, this section should be changed to 4.4.3.2.3 and section 4.4.3.2.2 should now read "CH-HV-524 and CH-HV-532 shall be verified locked open at least once per 31 days. (The staff requested that this be added).

97. Page 3/4 4-16, TABLE 4.4-1 portions of this table were added by the NRC staff for clarification.

98. Page 3/4 4-19, in specification 3.4.5.2 APPLICABILITY, add a period after 4.

99. Page 3/4 4-20, in specification 4.4.5.2.1 c., add a double asterisk after 72 hours ** and move the period to the right of the double asterisk.

100. Page 3/4 4-20, in specification 4.4.5.2.2, add a double asterisk after limit ** and move the colon to the right of the double asterisk.

101. Page 3/4 4-20, place a double asterisk in front of the sentence "**The provisions of Specification 4.0.4 are not applicable for entry into Mode 3 or 4." Move this sentence to the bottom of the page, below the footnote.

102. Page 3/4 4-23, TABLE 3.4-2, move the word CHEMISTRY to be in line with the title.

103. Page 3/4 4-25, in specification 3.4.7, ACTION A, B and C. Changes made by NRC in line with Generic Letter.

104. Page 3/4 4-26, in specification 4.4.7 SURVEILLANCE REQUIREMENTS, move to page 4-25.

105. Page 3/4 4-27, TABLE 4.4-4, change this page to 3/4 4-26.

106. Page 3/4 4-28, FIGURE 3.4-1, this page should be renumbered to 3/4 4-27.

107. Page 3/4 4-29, in specification 3.4.8.1, APPLICABILITY, move the period to the right of the asterisk.

108. Page 3/4 4-29, this page should be renumbered to 3/4 4-28.

109. Page 3/4 4-30, Figure 3.4.2: change the term isothermal to "10°/HR Heatup": and add item (10) 255°F, 2500 PSIA.

110. Page 3/4 4-30, this page should be renumbered to 3/4 4-29.

111. Page 3/4 4-31, TABLE 4.4-5, add to each Lead Factor listed in the table the following "1.0 LF 1.5"

112. Page 3/4 4-31, this page should be renumbered to 3/4 4-30.

113. Page 3/4 4-32, this page should be renumbered to 3/4 4-31.

114. Page 3/4 4-33, this page should be renumbered to 3/4 4-32.

115. Page 3/4 4-35, in specification 3.4.10, the LCO should read: "Both reactor coolant system vent paths shall be operable and closed at each of the following locations:

a. Reactor vessel head, and
b. Pressurizer steam space.

116. Page 3/4 4-35, in specification 3.4.10, APPLICABIALITY, add a period after 4.

117. Page 3/4 4-35, in specification 3.4.10, ACTION a., delete the term "vessel head" and replace it with the term "coolant system". After the word OPERABLE add the words "from either location" and after the words "both paths" add the following "at that location."

118. Page 3/4 4-35, ACTION b. delete the term "vessel head" and replace it with the term "coolant system." After the word OPERABLE add the words "from either location" and after the words "both paths" add the following "at that location."

119. Page B 3/4 4-5, in specification 3/4.4.7, second paragraph, second sentence, delete the rest of the paragraph. Section 6.9.1.5 includes the latest information from Generic Letters.

120. Page B3/4 4-6, add a comma after the word rupture in the second line.

121. Page B3/4 4-7, item (1) after the word reference, add the word temperature.

122. Page B3/4 4-7, last sentence on the page. The word specimens appears twice, it should be changed to "capsules" in both places. TABLE 4.4-3 should be changed to TABLE 4.4-5.

123. Page B3/4 4-10, FIGURE B3/4.4-1; after the term NEUTRON FLUENCE, add n/cm^2. A5338 should be changed to A533B.

124. Page B 3/4 4-11, Pressure/Temperature Limits (continued), third paragraph, delete the second sentence "Figure B 3/4 4-2, provides the limits of Appendix G to 10CFR Part 50 for various heatup and cooldown rates.

125. Page 3/4 5-1, in specification 3.5.1 (e), move the period to the right of the double asterisk.

126. Page 3/4 5-5, in specification 4.5.2.e, add a (4) "Conducting an inspection of all ECCS piping outside of containment, which is in contact with recirculation sump inventory during LOCA conditions, and verifying that the total measured leakage from piping and components is less than 1 gpm when pressurized to at least 40 psig. (This is included at the staffs request).

127. Page 3/4 5-6, in specification 3.5.1.g.2, under hot leg injection valve number, delete SIA-HV-604 and SIB-HV-609. (These are not throttle valves).

128. Page B3/4 5-3, first line, move the period to the right of the asterisk.

129. Page 3/4 6-3, in specification 4.6.1.2.e; change the referenced Specifications from 4.6.1.7.3 and 4.6.1.7.4 to 4.6.1.7.2 and 4.6.1.7.3.

130. Page 3/4 6-5, in specification 4.6.1.3.b.2, move the period to the right of the asterisk.

131. Page 3/4 6-7, in specification 4.6.1.5, add to each elevation the term "nominal", so it reads Nominal Elevation. . . .

132. Page 3/4 6-15, in specification 3.6.2.1 APPLICABILTIY, move the period to the right of the asterisk.

133. Page 3/4 6-17, in specification 3.6.2.2.a the word An should be "A".

134. Page 3/4 6-17, in specification 3.6.2.2 APPLICABILITY, after 4 and before the period place an asterisk. The asterisk footnote should read * when the containment spray system is required to be OPERABLE.

135. Page 3/4 6-19, in specification 3.6.3 ACTION 1.b., move the comma to the right of the asterisk.

136. Page 3/4 6-19, in specification 3.6.3.c ACTION 1.c., move the semi-colon to the right of the asterisk.

137. Page 3/4 6-22 TABLE 3.6-1. The following changes were made to correctly identify the function.
Valve Number SSB-UV-201, Pressurizer liquid sample line.
Valve Number SSA-UV-204, Pressurizer liquid sample line.
Valve Number SSB-UV-202, Pressurizer steam space sample line.
Valve Number SSA-UV-205, Pressurizer steam space sample line.
Valve Number SSB-UV-200, Hot leg sample line.
Valve Number SSA-UV-203, Hot leg sample line.

138. Page 3/4 6-30 Table, change the footnote to reference the correct section; 3/4.7.1.5.

139. Page 3/4 6-35, TABLE 3.6-1, delete the asterisk for Valve Number FPE-V-089.

140. Page 3/4 6-35, TABLE 3.6-1, the function for Valve Number SIE-V-463 is safety injection tank drain

141. Page 3/4 6-35, TABLE 3.6-1, add the following footnote to the bottom of the page # Not Type C Tested.

142. Page 3/4 6-36, in specification 3.6.4.1 ACTION C, delete this action statement.

143. Page 3/4 6-38, in specification 3.6.4.3 APPLICABILITY, move the period to the right of the asterisk.

144. Page B 3/4 6-2, in specification 3/4.6.1.6, change Revision 3, 1984; to Revision 1, 1974. Delete the rest of the sentence starting with "and Regulatory Guide 1.35.1"...

145. Page B 3/4 6-4, in BASES specification 3/4.6.4, delete the second paragraph. There is no in line hydrogen and oxygen monitor in the PASS.

146. Page 3/4 7-1, in specification 3.7.1.1 ACTION a. Change the ACTION to read "in MODES 1 and 2". (Delete and 3). Delete the words "Power Level-High trip setpoint is", and replace them with "Maximum Variable Overpower trip setpoint and the Maximum Allowable Steady State Power Level are...

147. Page 3/4 7-1, in specification 3.7.1.1.b, in the first line add the words "at least" between with one.

148. Page 3/4 7-6, in specification 3.7.1.3 APPLICABILITY, move the comma after 3 to the right of the pound sign and move the period to the right of the asterisk, pound sign.

149. Page 3/4 7-6, ACTION b. the term auxiliary feedwater should be changed to essential auxiliary feedwater.

150. Page 3/4 7-6, in specification 4.7.1.3.2, the term auxiliary feedwater should be changed to essential auxiliary feedwater.

151. Page 3/4 7-6, in specification 4.7.1.3.2.a, the term auxiliary feed system should be changed to auxiliary feedwater system.

152. Page 3/4 7-10, in specification 3.7.1.6, move the period to the right of the asterisk.

153. Page 3/4 7-16, in specification 3.7.7 ACTION b., delete the words "in the recirculation mode" and replace it with the term "OPERABLE".

154. Page 3/4 7-21, Section 4.7.9a; change the term Inspection Types to Snubber Types.

155. Page 3/4 7-22, Section 4.7.9c; in the middle of the paragraph susceptible was spelled incorrectly.

156. Page 3/4 7-22, Section 4.7.9c; delete the sentence "All snubbers connected to an inoperable common hydraulic fluid reservoir shall be counted as inoperable snubbers." There are no common hydraulic fluid reservoirs.

157. Page 3/4 7-22, Section 4.7.9d; after the word "data" place a period, delete the word "and" and start a new sentence, "A visual inspection" - - - add the term "shall be made" between the words "systems" and "within 6 months".

158. Page 3/4 7-40, Title; the correct title should read YARD FIRE HYDRANTS AND ASSOCIATED HYDRANT HOSE HOUSES.

159. Page 3/4 7-42, in specification 4.7.11, the specification number as listed 4.7.11 is incorrect, it should be 4.7.11.6.

160. Page 3/4 7-42, in specification 4.7.11.6.c.2, change "of a flow test" to "of an air flow test".

161. Page 3/4 8-8a, A.C. Sources; add the title "CATHODIC PROTECTION" to the heading.

162. Page 3/4 8-8a, in specification 4.3.1.3, item 1. Change the 92 days to 61 days.

163. Page 3/4 8-8a, in specification 4.3.1.3, item 2. Change the 18 months to 12 months.

164. Page 3/4 8-14, in specification 3.8.3.1.c, move the period to the right of the asterisk.

165. Page 3/4 8-14, in specification 3.8.3.1.d, move the period to the right of the asterisk.

166. Page 3/4 8-14, in specification 3.8.3.1.e, move the period to the right of the asterisk.

167. Page 3/4 8-14, in specification 3.8.3.1.f, move the period to the right of the asterisk.

168. Page 3/4 8-22, TABLE 3.8-2; Containment Penetration Conductor, the following overcurrent protective devices have been corrected:

REACTOR COOLANT PUMP OIL LIFT PUMP
1BM-RCN-P02BP

REACTOR COOLANT PUMP OIL LIFT PUMP
2BM-RCN-P02DP

30A RECEPTACLES FOR CTMT BLDG.
JIB CRANE M-ZCN-G04A,B

30A RECEPTACLES FOR CTMT BLDG.
JIB CRANE M-ZCN-G04A,B

169. Page 3/4 8-24, TABLE 3.8-2 Containment Penetration Conductor, Primary Device Number. Delete the following Devices.

E-PHA-M3519	E-PHA-M3521A	CTMT PRG PWR ACCESS MODE ISO VLV J-CPA-UV-48
E-PHB-M3624	E-PHA-M3607A	CTMT PRG PWR ACCESS MODE ISO VLV J-CPB-UV-5A

170. Page 3/4 8-25 TABLE 3.8-2, Containment Penetration Conductor, the following overcurrent protective device has been corrected:

WASTE GAS HEADER CONTAINMENT
ISOLATION VALVE J-GRA UV1

171. Page 3/4 8-26, TABLE 3.8-2 Containment Penetration Conductor. The following list contains corrected primary device numbers:

E-RCN-D0102
E-RCN-D0101
E-RCN-D0301
E-RCN-D0302
E-RCN-D0201
E-RCN-D0202
E-RCN-D0401
E-RCN-D0402

172. Page 3/4 8-27, TABLE 3.8-2 Containment Penetration Conductor. The following list contains corrected primary device numbers:

E-NAN-S02M
J-RCN-PC100A (Fuse) E-NGN-L11C4
J-RCN-PC100B (Fuse) E-NGN-L12C4

173. Page 3/4 8-33, TABLE 3.8-2 Containment Penetration Conductor. The following list contains corrected service descriptions:

Reactor Coolant Pump Motor Space Heater M-RCE-P01BH
Reactor Coolant Pump Motor Space Heater M-RCE-P01DH
Containment Pre-access Normal AFU Fan Motor Space Heater M-HCN-F01BH
Reactor Coolant Pump Motor Space Heater M-RCE-P01AH
Reactor Coolant Pump Motor Space Heater M-RCE-P01CH
Steam Generator Wet Layup Pump Motor Space Heater M-SGN-P01BH

174. Page 3/4 8-34, TABLE 3.8-2. The following is the corrected service description for overcurrent protective devices.

Containment Normal ACU Fan Motor Space Heater M-HCN-A01DH

175. Page 3/4 8-35, TABLE 3.8-2. The following overcurrent protective devices are being added to one section of the table and are being deleted from another section of the table.

E-ZAB-C06 (Fuse)	E-PKB-D2221	Reactor Coolant Vent Valve J-RCB-HV-105
E-ZAB-C06 (Fuse)	E-PKB-D2221	Safety Inj. Tank Nitrogen Supply Valve J-SIB-UV-612

176. Page 3/4 8-36, TABLE 3.8-2. The following overcurrent protective devices are being added to one section of the table and are being deleted from another section of the table.

E-ZAA-C03 (Fuse)	E-PKA-D2109	Reactor Coolant Vent Valve J-RCA-HV-101
E-ZJB-C03 (Fuse)	E-PKB-D2211	SI Tank check Vlv Leakage Line ISO Valve J-SIB-UV-638
E-ZJB-C03 (Fuse)	E-PKB-D2211	Hot Leg Inject Check Vlv Leakage Line ISO Valve J-SIB-UV-332
E-ZAA-C04 (Fuse)	E-PKA-D2130	Containment Purge Power Access Mode Isolation Vlv. J-CPA-UV-4A
E-ZAA-C04 (Fuse)	E-PKA-D2130	Containment Purge Power Access Mode Isolation Vlv. J-CPA-UV-4B
E-ZAA-C03 (Fuse)	E-PKA-D2109	Regenerative Heat Exch to AUX Spray Valve J-CHA-HV-205

177. Page 3/4 8-37, TABLE 3.8-2. The following overcurrent protective devices are being added to one section of the table and are being deleted from another section of the table.

E-ZAB-C01 (Fuse)	E-PKB-D2210	Containment Power Access Purge Mode Isolation Vlv. J-CPB-UV-5A
E-ZAB-C01 (Fuse)	E-PKB-D2210	Containment Power Access Purge Mode Isolation Vlv. J-CPB-UV-5B

178. Page 3/4 8-38, TABLE 3.8-2 Containment Penetration Conductor. The following overcurrent protective devices are being deleted from this page, they have been added to previous pages.

E-ZAB-C06 (Fuse)	E-PKB-D2221	Reactor Coolant Vent Valve J-RCB-HV-105
E-ZAB-C06 (Fuse)	E-PKB-D2221	Safety Inj Tank Nitrogen Supply Valve J-SIB-UV-612
E-ZAB-C03 (Fuse)	E-PKB-D2211	SI Tank Vlv Leakage Line Iso Valve J-SIB-UV-638
E-ZJB-C03 (Fuse)	E-PKB-D2211	Hot Leg Impact Check Vlv Leakage Iso Valve J-SIB-UVB-332

179. Page 3/4 8-41, TABLE 3.8-3 Motor-Operated Valves Thermal Overload, Protection and/or Bypass Devices. Under the Bypass Device column delete the term "(continuous)".

180. Page 3/4 8-42, TABLE 3.8-3, delete the term "(continuous)".

181. Page 3/4 8-43, TABLE 3.8-3, delete the term "(continuous)".

182. Page 3/4 8-44, TABLE 3.8-3, delete the term "(continuous)".

183. Page 3/4 8-45, TABLE 3.8-3, delete the term "(continuous)".

184. Page 3/4 8-46, TABLE 3.8-3, delete the term "(continuous)".

185. Page 3/4 8-47, TABLE 3.8-3, delete the term "(continuous)".

186. Page 3/4 8-48, TABLE 3.8-3, delete this page.

187. Page B3/4 8-2, A.C. SOURCES AND ONSITE POWER DISTRIBUTION SYSTEM Second paragraph, the term onfloat should be two words "on float".

188. Page 3/4 9-2, in specification 3/4.9.2 LIMITING CONDITION FOR OPERATION 3.9.2, change the term "source range" to "startup channel".

189. Page 3/4 9-2, SURVEILLANCE REQUIREMENTS 4.9.2, change the term "source range" to "startup channel".

190. Page 3/4 9-8, in specification 3.9.8.1, move the period to the right of the asterisk.

191. Page 3/4 9-9, in specifications 3.9.8.2, move the period to the right of the asterisk.

192. Page 3/4 9-13, in specification 3.9.11, ACTION, add the term "The provisions of Specification 3.0.3 are not applicable.

193. Page B3/4 9-1, in Section 3/4.9.2 INSTRUMENTATION, change the term "source range" to startup channel.

194. Page 3/4 10-2, in specification 4.10.2.2, specification 4.2.1.3 should be changed to 4.2.1.2.

195. Page 3/4 11-9, TABLE 4.11-2, last paragraph, move the period to the right of the asterisk.

196. Page 3/4 12-4, TABLE 3.12-1, Ingestion Milk, change "50, 51, 53" from after "3 location" to after "3 areas".

197. Page 3/4 12-5, TABLE 3.12-1, delete "#14, 46" and add "52". Second paragraph delete "#51" and add "#62".

198. Page 3/4 12-10, TABLE 4.12-1, the term wt should be corrected to t.

199. Page 6-2, in specification 6.2.2.2.c, change the second line from "designee who is at supervisory" to "designees who are at manager"...

200. Page 6-5, TABLE 6.2-1, first paragraph, delete the term "Except for the Shift Supervisor", and start the sentence with "The". Page 6-5, TABLE 6.2-1, second paragraph, delete the term "(other than the Shift Technical Advisor).

201. Page 6-8, in specification 6.5.1.6.d., delete the term "requiring 24-hour written notification to the commission".
In specification 6.5.1.6.g, change the word "or" to "of".

202. Page 6-9, in specification 6.5.2 TECHNICAL REVIEW AND CONTROL, add the word ACTIVITIES.

203. Page 6-9, in specification 6.5.2.6, after PVNGS Plant Manager add "or designated alternate."

204. Page 6-9, in specification 6.5.2.7, after PVNGS Plant Manager add "or designated alternate."

205. Page 6-10, in specification 6.5.2.9 TECHNICAL REVIEW AND CONTROL, add the word ACTIVITIES before (Continued).

206. Page 6-12, in specification 6.5.3.5, delete item 1. "The Pre-planned Alternate Sampling Program and implementing procedures at least once per 24 months".

207. Page 6-12, in specification 6.6.1.a., after the word "notified" add the following statement, "pursuant to the requirements of Section 50.72 to 10CFR Part 50"--------.

208. Page 6-12, in specification 6.6.1.b. delete the following "requiring 24 hours written notification".

209. Page 6-13, in specification 6.7.1c, change the 14 days to 30 days.

210. Page 6-16, Section 6.8.4.f SPRAY POND MONITORING; delete Procedure 73AC-SP01 and add the words "station manual procedures".

211. Page 6-17, in specification 6.9.1.5, add the following paragraph "Annual reports shall also include the results of specific activity analysis in which the primary coolant exceeds the limits of Specification 3.4.7. The following information shall be included: (1) Reactor power history starting 48 hours prior to the first sample in which the limit was exceeded; (2) Results of the last isotopic analysis for radioiodine performed prior to exceeding the limit, results of analysis while limit was exceeded and results of one analysis after the radioiodine activity was reduced to less than limit. Each result should include date and time of sampling and the radioiodine concentrations; (3) clean-up system flow history starting 48 hours prior to the first sample inm which the limit was exceeded; (4) Graph of the I-131 concentration and one other radioiodine isotope concentration in microcuries per gram as afunction of time for the duration of the specific activity above the steady-state level; and (5) the time duration when the specific activity of the primary coolant exceeded the radioiodine limit.

212. Page 6-19, in Specification 6.9.1.8, move the period to the right of the asterisk.

213. Page 6-25, in Specification 6.16; delete the entire section i.e., 6.16, 6.16.1 and 6.16.2.