

PRELIMINARY
ESBWR Tier 2 Chapter 11
26A6642BH Revision 5 to Revision 6 Change List

| Item | Location (e.g., subsection with para.graph/sentence/item, table with column/row, or figure) | Description of Change |
|-------------|--|--|
| 1. | Entire Chapter | Global chapter editorial changes to correct misspelling and grammar and spell out or integrate acronyms where appropriate. |
| 2. | S11.2.2.1, 2 nd para. | Subsection reference revised for clarity. |
| 3. | S11.2.2.2, 1 st para. | Subsection reference revised for clarity. |
| 4. | S11.2.2.3.2, 2 nd para., last sent. | Subsection reference revised for clarity. |
| 5. | S11.2.2.3.3, 2 nd para., last sent. | Revised section reference for consistency with other chapters/sections. |
| 6. | S11.2.7, Reference 11.2-2 | Replaced “ALTs” with “ALIs” in response to RAI 11.0-1. |
| 7. | S11.2.7, Reference 11.2-8 | Deleted R11.2-8 in response to RAI 11.0-1. |
| 8. | S11.2.7, Reference 11.2-12 | Added reference to be consistent with Table 11.2-3. |
| 9. | T11.2-1, Note 7 | Note revised for consistency with the table. |
| 10. | T11.2-2a, Note ** | Note revised for consistency with Table 11.2-1. |
| 11. | T11.2-3, Note ** | Reference added for clarification.. |
| 12. | F11.2-1 | Deleted “From” from inputs on left side of figure and deleted “Radwaste Hose Station” and “Legend” from figure for consistency with other figures. |
| 13. | F11.2-1a | Corrected Equipment Drain Sample Pump suction cross tie line and changed Rinse Discharge from filters and demineralizers from Equipment Drain Header to a Floor Drain for clarification. |
| 14. | F11.2-1b | Changed Rinse Discharge from filters and demineralizers from Equipment Drain Header to a Floor Drain for consistency with other figures. |
| 15. | F11.2-4 | Corrected check valve direction for clarification. |

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| 16. | S11.3.1, last para. | Revised section reference for consistency with other chapters/sections. |
| 17. | S11.3.2.2, 1 st para., 1 st three bullets | Deleted old first bullet and added three new bullets in response to RAI 11.3-13 |
| 18. | S11.3.2.3 | Revised entire section to properly address the OGS Process Facility in response to RAI 11.3-14. |
| 19. | S11.3.2.4, 1 st para., 6 th sent. | Replaced “Table 12.2-18b” with “Table 12.2-17” in response to RAI 11.0-1. |
| 20. | S11.3.2.5.1, 1 st para.graph | Paragraph revised in response to RAI 11.3-13. |
| 21. | S11.3.2.5.4, 1 st para., 1 st sent. | Deleted space and added hyphen between “cooler” and “condenser” in response to RAI 11.3-13. |
| 22. | S11.3.2.5.4, 1 st para., new 2 nd sent. | Added sentence to specify refrigerant dryers. This is in response to RAI 11.3-13. |
| 23. | S11.3.2.5.9, 1 st para., 1 st sent. | Replaced “recombiners” with “catalytic recombiner trains” in response to RAI 11.3-13. |
| 24. | S11.3.2.6.7, Title | Revised title from “Recombiners” to “Catalytic Recombiners” in response to RAI 11.3-13. |
| 25. | S11.3.2.6.7, 2 nd para. | Revised para.graph in response to RAI 11.3-13. |
| 26. | S11.3.2.6.11, 1 st para., 1 st sent. | Deleted space and added hyphen between “cooler” and “condenser” in response to RAI 11.3-13. |
| 27. | S11.3.9, Reference 11.3-1 | Revised title in response to RAI 11.0-1. |
| 28. | S11.3.9, Reference 11.3-2 | Replaced “ALTs” with “ALIs” in response to RAI 11.0-1. |
| 29. | S11.3.9, Reference 11.3-3 | Reference updated for consistency |
| 30. | S11.3.9, Reference 11.3-6 | Reference updated for consistency. |
| 31. | S11.3.9, Reference 11.3-9 | Reference deleted for consistency within section. |
| 32. | S11.3.9, Reference 11.3-10 | Reference deleted in response to RAI 11.0-1. |
| 33. | S11.3.9, Reference 11.3-21 | Reference updated for consistency. |
| 34. | T11.3-1 | Replaced table note asterisks (*) with numbers for clarity. |

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| 35. | T11.3-1 | Changed “recombiner” to “off gas” in response to RAI 11.3-13. |
| 36. | T11.3-1 | Added preheater steam supply temperatures and Note 5 in response to RAI 11.2-13 S01. |
| 37. | T11.3-2 | Revised table in response to RAI 11.3-13. |
| 38. | T11.3-3 | Revised table in response to RAI 11.3-13. |
| 39. | F11.3-1 | Added piping between recombiner train components and revised piping around charcoal beds in response to RAI 11.3-13. |
| 40. | S11.4.1, 1 st para., 2 nd bullet | Added reference to RG 8.10 (Reference 11.4-3) in response to RAI 11.0-1. |
| 41. | S11.4.1, 2 nd para., 4 th sent. | Subsection reference revised for clarity. |
| 42. | S11.4.1, 4 th para., 1 st and last sent. | Revised section reference for consistency with other chapters/sections. |
| 43. | S11.4.2.1, 2 nd para., 2 nd sent. | Figure reference revised for consistency. |
| 44. | S11.4.2.2.1, 5 th para., 1 st sent. | Reference deleted for consistency within section. |
| 45. | S11.4.2.2.2, 3 rd para.g, 1 st sent. | Sentence revised for consistency with other sections and figures. |
| 46. | S11.4.2.2.3, 2 nd para., last sent. | Added cross-reference to Figure 11.4-4 in response to RAI 11.0-1. |
| 47. | S11.4.2.3.2, 1 st para., last sent. | Sentence revised for consistency with Table 11.2-1. |
| 48. | S11.4.2.3.4, 1 st para., 1 st sent. | Subsection reference revised for clarity. |
| 49. | S11.4.2.3.5, 2 nd para., 1 st sent. | Subsection reference revised for consistency. |
| 50. | S11.4.6, 11.4-5-A | Revised section reference for consistency with other chapters/sections. |

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| 51. | S11.4.7, Reference 11.4-5 | Change “September 1975” to “May 1977” for consistency with Table 1.9-21 and NRC Website. |
| 52. | S11.4.7, Reference 11.4-8 | Replaced “ALTs” with “ALIs” in response to RAI 11.0-1. |
| 53. | S11.4.7, Reference 11.4-11 | Reference deleted for consistency within section. |
| 54. | S11.4.7, Reference 11.4-27 | Reference deleted for consistency within section. |
| 55. | T11.4-1 | Revised Low Activity Phase Separator Quantity from “2” to “1” and added a High Activity Phase Separator for consistency with text and figures. |
| 56. | T11.4-2, 14 th row | Updated LWMS concentrated waste volume for accuracy. |
| 57. | T11.4-2, 15 th row | Updated wet solid waste total for accuracy. |
| 58. | F11.4-1 | Revised figure for consistency with text and figures. |
| 59. | F11.4-2 | Revised figure for consistency with text and figures. |
| 60. | F11.4-3 | Revised figure for consistency with text and figures. |
| 61. | S11.5.1.1.1, 3 rd bullet | Revised terminology for consistency. |
| 62. | S11.5.3.1.4 title | Revised title for consistency. |
| 63. | S11.5.3.1.4, entire section | Revised section to address the change from two normal air intakes to the CRHAVS to one normal and two emergency air intakes. |
| 64. | S11.5.3.2.2, 8 th para. | Changed “3.7E-4” to “3.7E4” and “1.0E-2” to “1.0E6” to correct typographical error. |
| 65. | S11.5.3.2.13.1, last para., 3 rd sent. | Reference added for consistency. |
| 66. | S11.5.3.2.13.2, last para., 3 rd sent. | Reference added for consistency. |
| 67. | S11.5.3.2.13.3, last para., 3 rd sent. | Reference added for consistency. |

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| 68. | S11.5.5.5, 1 st para., 2 nd sent. | Reference revised for consistency. |
| 69. | S11.5.6.1, 3 rd para., 4 th bullet | Revised terminology for consistency. |
| 70. | S11.5.6.4, Title | Reference added for consistency. |
| 71. | S11.5.6.5, Title | Reference added for consistency. |
| 72. | S11.5.8, Reference 11.5-9 | Reference updated for consistency. |
| 73. | S11.5.8, Reference 11.5-10 | Reference updated for consistency. |
| 74. | S11.5.8, Reference 11.5-11 | Reference updated for consistency. |
| 75. | S11.5.8, Reference 11.5-12 | Reference updated for consistency. |
| 76. | S11.5.8, References 11.5-27 and 11.5-28 | References added for consistency. |
| 77. | T11.5-1 | Revised terminology for consistency. Changed normal air intake channels from “8” to “4” and added the EFU Outlets and its 8 channels. |
| 78. | T11.5-2 | Revised terminology for consistency and added entry for EFU Outlets. |
| 79. | T11.5-2 | Changed “4.6E5” to “2.7E5” and “703E4” to “7.03E4” in response to RAI 11.0-1. |
| 80. | T11.5-3 | Revised terminology and added “4C” for consistency. |
| 81. | T11.5-5 | Added reference to Note 9 and Note 9 in response to RAI 11.0-1 and RAI 11.0-1 S01. |
| 82. | T11.5-7, Note *** | Reference added for clarification. |
| 83. | T11.5-8, Note ** | Reference added for clarification. |
| 84. | T11.5-9 | Changed Radiation Monitor terminology for consistency and reworded Basis for Dynamic Range for clarity. |
| 85. | T11.5-9 | Changed “5.3E-1 to 5.3E5” to “5.13E-1 to 5.13E5” in response to RAI 11.0-1. |

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| 86. | F11.5-1 | Revised Control Building air intakes: Deleted 1 normal air intake and added two emergency air intakes. Also added CRHAVS and EFU to the Legend. This is for consistency with other chapters/sections. |

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