



1. SUPPLIED WITH OFFLINE.
2. LOCATE OPERATOR CLOSE TO WATER INJECTION POINT.
3. REMOVE TO BE CLOSED WHEN USED TESTING.
4. LOCATE OPERATOR CLOSE TO WATER SUPPLY & D.
5. THIS IS A SPECIAL HIGH-PRESSURE SYSTEM AS A CONTROL AND A PRESSURE.
6. THIS PART OF 2-4-10000.
7. P. SAMPLE OPERATOR SHALL BE INSTANTLY INTO COOLING WATER BEING A COLL.
8. SAMPLE OPERATOR SHALL BE INSTANTLY INTO COOLING WATER BEING A COLL.
9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

| NO. | DESCRIPTION | TITLE |
|-------------------|---------------------------------|---------------------------------|
| 01. 11448-FN-009A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 02. 11448-FN-010A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 03. 11448-FN-011A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 04. 11448-FN-012A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 05. 11448-FN-013A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 06. 11448-FN-014A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 07. 11448-FN-015A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 08. 11448-FN-016A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 09. 11448-FN-017A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 10. 11448-FN-018A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 11. 11448-FN-019A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 12. 11448-FN-020A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 13. 11448-FN-021A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |
| 14. 11448-FN-022A | FLUID BARRIER ASSEMBLY BULKHEAD | FLUID BARRIER ASSEMBLY BULKHEAD |

- PRODUCT CHANGE**
1. 11448-FN-009A SHL
 2. 11448-FN-010A SHL
 3. 11448-FN-011A SHL

- BYPRODUCT NOTES**
- (A) THE SAFETY RELATED PORTIONS OF THE SAFETY INJECTION SYSTEM HAVE BEEN CLASSIFIED IN CLASS 2 IN ACCORDANCE WITH REGULATORY GUIDE 1.6, ARTICLE C.1.
 - (B) THE REFUELING WATER STORAGE TANK AND ASSOCIATED PIPING HAVE BEEN CLASSIFIED IN CLASS 2 IN ACCORDANCE WITH REGULATORY GUIDE 1.6, ARTICLE C.1. AND SURRY UPBAY 6.3.1.
 - (C) THE DESIGN BASIS AND DESCRIPTION FOR THE SAFETY INJECTION SYSTEM ARE PROVIDED IN UPBAY SECTIONS 6.2.1 AND 6.2.2, RESPECTIVELY.

FOR ISI CLASSIFICATION BOUNDARY DRAWING LEGEND AND SYMBOLS SEE 11448-COM-148.

CAUTION:
THE ACCURACY OF THIS BYPRODUCT DRAWING IS NOT GUARANTEED. THE ACTUAL PLANT CONFIGURATION REFER TO THE LATEST PLANT/UPBAY OPERATING DRAWING FOR CONTROLLED BACKGROUND INFORMATION.

REVISION DESCRIPTION

CHANGED EXEMPTIONS TO ABOVE SECTION XI 1974 EDITION THROUGH AND INCLUDING THE SURRY 1974 ADDENDUM, ARTICLE 11448-100.

VIRGINIA POWER
NORTH CAROLINA POWER
ENGINEERING AND CONSTRUCTION
RICHMOND, VIRGINIA

ISI CLASSIFICATION BOUNDARY DRAWING
SAFETY INJECTION SYSTEM
SURRY POWER STATION UNIT 1
VIRGINIA POWER

| NO. | DATE | BY | CHKD. | APP'D. | REV. | DATE | BY | CHKD. | APP'D. | REV. | DATE | BY | CHKD. | APP'D. | REV. |
|-----|----------|-----|-------|--------|------|----------|-----|-------|--------|------|----------|-----|-------|--------|------|
| 1 | 12-22-88 | JAD | ... | ... | ... | 12-22-88 | JAD | ... | ... | ... | 12-22-88 | JAD | ... | ... | ... |

PDR RIDS

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