

| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | |
|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|
| ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | | ← IDENT CLASS | |
| ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | | ← GROUP NOTE | |
| REQUIRED | | REQUIRED | | REQUIRED | | REQUIRED | | REQUIRED | | REQUIRED | | REQUIRED | | REQUIRED | |
| 02 | 01 | 02 | 01 | 02 | 01 | 02 | 01 | 02 | 01 | 02 | 01 | 02 | 01 | 02 | 01 |
| ITEM | NOTE | ITEM | NOTE | ITEM | NOTE | ITEM | NOTE | ITEM | NOTE | ITEM | NOTE | ITEM | NOTE | ITEM | NOTE |
| BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | | BILL OF MATERIAL | |
| PART NAME | | PART NAME | | PART NAME | | PART NAME | | PART NAME | | PART NAME | | PART NAME | | PART NAME | |
| [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | | [SIZE] REFERENCE INFORMATION | |
| 48 | 01 | AR | | 44 | | AR | | 83 | | AR | | 83 | | AR | |
| AR | 02 | AR | | 45 | | AR | | 84 | | AR | | 84 | | AR | |
| 24 | 03 | AR | | 46 | | AR | | 85 | | AR | | 85 | | AR | |
| 1 | 04 | AR | | 47 | | AR | | 86 | | AR | | 86 | | AR | |
| 1 | 05 | AR | | 48 | | AR | | 87 | | AR | | 87 | | AR | |
| 1 | 06 | AR | | 49 | | AR | | 88 | | AR | | 88 | | AR | |
| 1 | 07 | AR | | 50 | | AR | | 89 | | AR | | 89 | | AR | |
| 1 | 08 | AR | | 51 | | AR | | 90 | | AR | | 90 | | AR | |
| 1 | 09 | AR | | 52 | | AR | | 91 | | AR | | 91 | | AR | |
| 1 | 10 | AR | | 53 | | AR | | 92 | B | AR | | 92 | B | AR | |
| 1 | 11 | AR | | 54 | | AR | | 93 | B | AR | | 93 | B | AR | |
| 1 | 12 | AR | | 55 | | AR | | 94 | B | AR | | 94 | B | AR | |
| 1 | 13 | AR | | 56 | | AR | | 95 | B | AR | | 95 | B | AR | |
| 1 | 14 | AR | | 57 | | AR | | 96 | | AR | | 96 | | AR | |
| 1 | 15 | AR | | 58 | | AR | | 97 | | AR | | 97 | | AR | |
| 1 | 16 | AR | | 59 | | AR | | 98 | | AR | | 98 | | AR | |
| 2 | 17 | AR | | 60 | | AR | | 99 | | AR | | 99 | | AR | |
| 2 | 18 | AR | | 61 | | AR | | 100 | | AR | | 100 | | AR | |
| AR | 19 | AR | | 62 | | AR | | 101 | | AR | | 101 | | AR | |
| AR | 20 | AR | | 63 | | AR | | 102 | | AR | | 102 | | AR | |
| AR | 21 | AR | | 64 | | AR | | 103 | | AR | | 103 | | AR | |
| 1 | 22 | AR | | 65 | | AR | | 104 | | AR | | 104 | | AR | |
| AR | 23 | AR | | 66 | | AR | | 105 | | AR | | 105 | | AR | |
| 1 | 24 | AR | | 67 | | AR | | 106 | | AR | | 106 | | AR | |
| AR | 25 | AR | | 68 | | AR | | 107 | | AR | | 107 | | AR | |
| AR | 26 | AR | | 69 | | AR | | 108 | | AR | | 108 | | AR | |
| AR | 27 | AR | | 70 | | AR | | 109 | | AR | | 109 | | AR | |
| AR | 28 | AR | | 71 | | AR | | 110 | | AR | | 110 | | AR | |
| AR | 29 | AR | | 72 | | AR | | 111 | | AR | | 111 | | AR | |
| 1 | 30 | AR | | 73 | | AR | | 112 | | AR | | 112 | | AR | |
| 1 | 31 | AR | | 74 | | AR | | 113 | | AR | | 113 | | AR | |
| 1 | 32 | AR | | 75 | | AR | | 114 | | AR | | 114 | | AR | |
| 1 | 33 | AR | | 76 | | AR | | 115 | | AR | | 115 | | AR | |
| 1 | 34 | AR | | 77 | | AR | | 116 | | AR | | 116 | | AR | |
| 1 | 35 | AR | | 78 | | AR | | 117 | | AR | | 117 | | AR | |
| 1 | 36 | AR | | 79 | | AR | | 118 | | AR | | 118 | | AR | |
| 1 | 37 | AR | | 80 | | AR | | 119 | B | AR | | 119 | B | AR | |
| 1 | 38 | AR | | 81 | | AR | | 120 | B | AR | | 120 | B | AR | |
| AR | 39 | AR | | 82 | | AR | | 121 | B | AR | | 121 | B | AR | |
| 12 | 40 | AR | | | | AR | | 122 | B | AR | | 122 | B | AR | |
| 1 | 41 | AR | | | | AR | | 123 | | AR | | 123 | | AR | |
| AR | 42 | AR | | | | AR | | 124 | | AR | | 124 | | AR | |
| AR | 43 | AR | | | | AR | | 125 | | AR | | 125 | | AR | |

TOLERANCES (UNLESS OTHERWISE NOTED)

| | UNDER 6 IN. | 6-12 IN. | 12-24 IN. | OVER 24 IN. |
|--------------------------|-------------|----------|-----------|-------------|
| DECIMAL: 2 PLACES | ± .06 | ± .06 | ± .12 | ± .2 |
| DECIMAL: 3 PLACES | ± .050 | ± .050 | ± .115 | ± .188 |
| ANGULAR: ± 2° | | | | |

| | XL | STD |
|----------------|---------|---------|
| DIM "A" | (226.0) | (197.0) |
| DIM "B" | (202.0) | (173.0) |
| DIM "C" | 9.5 | 9.0 |
| DIM "D" | (197.0) | (168.0) |

NOTES:

- A. UPPER OUTERPACK HINGE BOLTS TORQUED TO 60 FT-LB (+/- 5 FT-LB) PRIOR TO SHIPPING. LOWER OUTERPACK HINGE BOLTS TORQUED TO 20 FT-LB (+/- 1 FT-LB) PRIOR TO TACK WELDING.
- B. BORATED ALUMINUM POISON PLATE SHALL POSSESS A MINIMUM AREAL DENSITY OF 0.018 GM/CM² OF B-10, AND THE LAMINATE/COMPOSITE BORON POISON PLATE SHALL POSSESS A MINIMUM AREAL DENSITY OF 0.024 GM/CM² OF B-10. THE POISON PLATE THICKNESS SHALL BE 0.125 IN. +/- 0.006 IN.
- C. WELDING SHALL BE PER ASME SECTION IX OR APPROVED EQUIVALENT.

MAXIMUM PACKAGE ESTIMATED WEIGHTS

| | |
|----------------|-------------------------------------|
| TRAVELLER XL: | LOADED - 5100 lb EMPTY - 3100 lb |
| TRAVELLER STD: | LOADED - 4500 lb EMPTY - 2750 lb |

SEE PRODUCT SPECIFICATION PDIN000 FOR SUPPLEMENTAL PRODUCT INFORMATION
PRIMARY DIMENSIONS ARE IN INCHES

| | | | | |
|----------|-----------|----------|---|--|
| DATE | M. ALES | 03/28/04 | | ELECTRIC COMPANY LLC - NUCLEAR FUEL COLUMBIA, SC USA |
| CHKD | | | | |
| DESIGN | B. HEMPHY | 03/12/04 | SAFETY RELATED ITEMS TRAVELLER XL & STD | |
| MODIFIED | S. PALMER | 03/22/04 | | |
| PAKING | J. COILE | 03/22/04 | | |
| DESIGNED | W. HERWIG | 03/23/04 | | |
| APPROVED | G. SUMMER | 03/22/04 | TRN | TRN |
| APPROVED | | | SCALE | 1:1 |
| | | | DWG NO. | 10004E58 |
| | | | WES/REG | |
| | | | SHEET 1 OF 4 | |

SO 75285
D ECN 61148-0
IF CHANGE
B. HEMPHY
03/29/04