



REFERENCE FLOW DIAGRAM
MCFD-1605-02.02 REV. 3
ERN: MC009AWX

| COMPONENT | ZONE NUMBER | TYPE OF TEST | PLAN ADDENDUM NO. | R1 SEGMENT NO. |
|----------------|-------------|--------------|-------------------|----------------|
| CLASS B SYSTEM | 1VS-092L-B | LEAKAGE | N/A | N/A |

| DESIGN PARAMETERS | PIPE SPEC. | PIPE SIZE | TEMPERATURE | CLASS | MATERIAL |
|-------------------|------------|-----------|-------------|-------|----------|
| VS02 | PS 154.1 | 115 PSIG | 105 F | G | GS |
| VS03 | PS 151.2 | 115 PSIG | 250 F | B | SS |
| VS04 | PS 151.4 | 115 PSIG | 105 F | G | SS |
| VS11 | PS 160 | 115 PSIG | 105 F | G | CU |

THIS DRAWING IS FOR INSERVICE INSPECTION ONLY AND SHALL NOT BE USED FOR OTHER PURPOSES SUCH AS MAINTENANCE, MODIFICATION, OR REPAIRS. THIS DRAWING SHALL BE REVISED WHEN AS-BUILT CHANGES AFFECT THE INSERVICE INSPECTION BOUNDARIES AND DETAILS OF THE COMPONENTS/SYSTEMS SHOWN.

LEGEND

- ISI CLASS 1
- ISI CLASS 2
- ISI CLASS 3
- ISI EXEMPT
- ZONE BOUNDARY

| NO. | REVISIONS | DRN | DATE | CHKD | DATE | APPR | DATE | W | A | I | V | E | D | INSPECTED |
|-----|-------------------------|-----|--------|------|--------|------|--------|---|---|---|---|---|---|-----------|
| 1 | RELEASED FOR ISUSE ONLY | TDM | 5-9-01 | JMB | 5-9-01 | RKR | 5-9-01 | | | | | | | |

| QA CONDITION 1 | | | |
|---|--------------------|------|--------|
| DUKE POWER COMPANY MCGUIRE NUCLEAR STATION UNIT 1 AND 2 | | | |
| ASME SECTION XI INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF STATION AIR SYSTEM (VS) | | | |
| DESIGNER | TIM MYERS | DATE | 5-9-01 |
| DRAWN | TIM MYERS | DATE | 5-9-01 |
| CHECKED | JM ROUSHMAN | DATE | 5-9-01 |
| APPR | B. KEVIN RHYNE | DATE | 5-9-01 |
| SCALE | | | |
| DWG. NO. | MC-ISIL-1605-02.02 | | |

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