DWG. NO. MC-ISIL-1605-03.01 REV. 0

OUTSIDE CRANE WALL IN PIPE CHASE @ 0 DEG. EL. 725-0
OUTSIDE CRANE WALL IN PIPE CHASE @ 180 DEG. EL. 725-0
OUTSIDE CRANE WALL BELOW ACCUMULATOR 1C EL. 725-0
OUTSIDE CRANE WALL BELOW ACCUMULATOR 1D EL. 725-0
OUTSIDE CRANE WALL BELOW ACCUMULATOR 1A EL. 725-0
OUTSIDE CRANE WALL BELOW ACCUMULATOR 1B EL. 725-0
RCDT PUMPS INSIDE CRANE WALL EL. 725-0
REACTOR COOLANT PUMP 1D EL. 746-0 INSIDE CRANE WALL
REACTOR COOLANT PUMP 1B EL. 746-0 INSIDE CRANE WALL
ABOVE PRESSURIZER VESSEL EL. 800-0
INCORE INSTRUMENTATION TUNNEL MANHOLE EL. 748-0
REACTOR COOLANT PUMP 1A EL. 746-0 INSIDE CRANE WALL
REACTOR COOLANT PUMP 1C EL. 746-0 INSIDE CRANE WALL
STEAM GEN. 1C PLATFORM EL. 740-0
STEAM GEN. 1D PLATFORM EL. 740-0
STEAM GEN. 1C EL. 725-0 INSIDE CRANE WALL
STEAM GEN. 1D EL. 725-0 INSIDE CRANE WALL
STEAM GEN. 1A PLATFORM EL. 740-0
STEAM GEN. 1B PLATFORM EL. 740-0
STEAM GEN. 1A EL. 725-0 INSIDE CRANE WALL
STEAM GEN. 1B EL. 725-0 INSIDE CRANE WALL
COL. 28 AND 1B EL. 736-0
COL. 28 AND 1D EL. 760-6
COL. 29 AND 1D EL. 739-0
S.B. COL. 28 AND S EL. 739-0
WATER TREATMENT ROOM COL. 22 AND T EL. 739-0
WELDING SHOP #2 COL. 21 AND U EL. 760-6
WELDING SHOP COL. 18 AND U EL. 760-6
COL. 33 AND 1L EL. 739-0
COL. 28 AND 1H EL. 739-0
COL. 28 AND 1H EL. 760-6
COL. 28 AND 1H EL. 788-0
COL. 23 AND 1H EL. 739-0
COL. 24 AND 1E EL. 739-0
REACTOR VESSEL HEAD STORAGE STAND EL. 778-0
REACTOR VESSEL HEAD STORAGE STAND EL. 778-10
REACTOR UPPER INTERNALS STORAGE AREA EL. 778-10
"D" VI COMP. CONTROLS
"E" VI COMP
"F" VI COMP. CONTROLS
SB TB-1

UNIT 1 CONTAINMENT BREATHING AIR SYSTEM
VB I-13 MCFD-1605-03.00

1VB-Ø93L-B

INSPECTION CRITERIA

COMPONENT	ZONE NUMBER	TYPE OF TEST	PLAN ADDENDUM NO	RI SEGMENT NO
CLASS B SYSTEM	1VB-Ø93L-B	LEAKAGE	N/A	N/A

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
VB02	PS 151.4	125 PSIG	105 F	G	SS
VB03	PS 151.2	125 PSIG	250 F	B	SS

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

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.

REFERENCE FLOW DIAGRAM MCFD-1605-03.01 REV. 8
ERN:MC009AWZ

NO.	REVISIONS	ORIG	RELEASED FOR ISI USE ONLY	TDM	5-8-01	JMB	5-7-01	RKR	5-9-01
				DRN	DATE	CHKD	DATE	APPR	DATE

WAIVED INSPECTED: CIVIL ELEC. MECH.

QA CONDITION 1

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION UNIT 1

ASME SECTION XI
INSERVICE INSPECTION PRESSURE TEST BOUNDARY OF BREATHING AIR SYSTEM
(VB)

DESIGNER TIM MYERS DATE 5-8-01 INSP: WAIVED DATE
DRAWN TIM MYERS DATE 5-8-01 INSP: WAIVED DATE
CHECKED JIM BOUGHMAN DATE 5-7-01 APPR: R. KEVIN RHYNE DATE 5-9-01

SCALE DWG. NO. MC-ISIL-1605-03.01 REV. 0

D-164