



- NOTES:**
- Slope impulse line downward from process tap to instrument a minimum of 1/8 inch per foot.
 - Fittings, tubing, and valves designated on this detail by classification 6z of the Fittings Classification List are safety class. Substitutes from other classifications are not permitted.

NUCLEAR SAFETY RELATED EXCLUSIONS

- Fittings, Tubings, Piping, & Valves (Not part of a Safety Related Piping System, Etc.)**
 - None
- Instruments (Do not serve a Safety Function)**
 - 2NMF5110 & 2NMFT5110
 - 2NMPG5110

FUNCTIONAL DESCRIPTION:

2NMF5110 is source for 2NMPG5110 and 2NMFT5110. 2NMPG5110 and 2NMFT5110 monitor the volume control tank purge flow. 2NMPG5110 provides local indication. A signal comparator is provided between 2NMF5110 and 2NMFT5260 (drawing MC-2499-NM4). If the flow thru 2NMF5260 is greater than the flow thru 2NMFT5110 a signal will be provided to close valve 2NM26B.

AS - BUILT
DATE 12-10-81

QA CONDITION 1 NUCLEAR SAFETY RELATED

(Except As Excluded Above)

DUKE POWER COMPANY										
MCGUIRE NUCLEAR STATION UNIT 2										
INSTRUMENT DETAIL										
VOLUME CONTROL TANK PURGE FLOW										
DESIGNER: <i>[Signature]</i> DATE: 12-11-77 INSP: <i>[Signature]</i> DATE: <i>[Signature]</i>										
DRAWN: <i>[Signature]</i> DATE: 12-22-77 INSP: <i>[Signature]</i> DATE: <i>[Signature]</i>										
CHECKED: <i>[Signature]</i> DATE: 1-22-78 APPR: <i>[Signature]</i> DATE: <i>[Signature]</i>										
NO.	REVISIONS	CHKD	APPR	DATE	CIVIL	ELEC.	MESH.	INSPECTED	SCALE	REV
2	Added As Built Stamp									
1	Rel. For Constr.									
	ORIG. Preliminary									

CL. 2 N4 DRO

SHT 2

FOR INFORMATION ONLY

SI APERTURE CARD

PDR RIDS

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