



NOTES

1. FITTINGS, TUBINGS, AND VALVES DESIGNATED ON THIS DETAIL BY CLASSIFICATION 56 OF THE FITTINGS CLASSIFICATION LIST ARE SAFETY CLASS. SUBSTITUTES FROM OTHER CLASSIFICATIONS ARE NOT PERMITTED, EXCEPT AS NOTED BELOW.
2. LOCATE BOTH BELLWAS SENSORS AT THE SAME ELEVATION, NEAR THE TAP, 0-8" BELOW THE TAP ELEVATION.
3. SLOPE FROM BELLWAS SENSOR SHOULD BE MINIMAL.

NUCLEAR SAFETY RELATED EXCLUSIONS:

1. FITTINGS, TUBINGS, PIPING, & VALVES (NOT PART OF A SAFETY RELATED PIPING SYSTEM, ETC.)
 - a) FILLED CAPILLARY AND BELLWAS SENSOR.
2. INSTRUMENTS (DO NOT SERVE A SAFETY FUNCTION)
 - a) 2NVP6590

AS-BUILT
DATE 7-20-81

QA CONDITION 1

NUCLEAR SAFETY RELATED
(EXCEPT AS EXCLUDED ABOVE)

FUNCTIONAL DESCRIPTION:

2NVP6590 IS AN INDICATING DIFFERENTIAL PRESSURE SWITCH WHICH MONITORS THE PRESSURE DROP ACROSS THE BORIC ACID FILTER. LOCAL INDICATION IS PROVIDED, AND THERE IS AN ALARM ON HIGH D/P.

Rev. G As per VN¹⁹ 461

				DUKE POWER COMPANY			
				MCGUIRE NUCLEAR STATION UNIT 2			
				INSTRUMENT DETAILS			
				BORIC ACID FILTER D/P			
7	Added "As-Built" Stamp	7/20/81	ADD	7/20/81	NIR	WJA	NIR
6	Deleted Notes 1, 2, 3; Rev. as Noted	CPT	ADD	6/24/79	MIR	WJA	NIR
5	Deleted Note 7; Rev. as Noted	CPT	ADD	6/24/79	MIR	WJA	NIR
4	Deleted Note 3	CPT	ADD	6/24/79	MIR	WJA	NIR
3	Rev. as Noted	CPT	ADD	6/24/79	MIR	WJA	NIR
2	Original Design & Issue	CPT	ADD	6/24/79	MIR	WJA	NIR
1	Original Issue	CPT	ADD	6/24/79	MIR	WJA	NIR
0	DEL. FOR CONSTRUCTION	CPT	ADD	1-11-77	MIR	WJA	NIR
ORIG.	FOR CONSTRUCTION	CPT	ADD	1-11-77	MIR	WJA	NIR
NO.	REVISIONS	CHKD	APPR	DATE	CIVIL	ELCEN	MECH.
							INSPECTED
							DWG. NO. MC-2499-NV460

SI
APERTURE
CARD

FOR INFORMATION
ONLY

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PDR RIDS

