

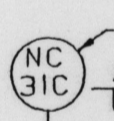











Docket # 50-206
 Control # 8807140139
 Date 8/7/88 of Document 7/8/88
 REGULATORY DOCKET FILE

LEGEND:

-  RACK MOUNTED VISUAL ANNUNCIATOR
-  RACK MOUNTED SWITCH

C.R. - CONTROL ROOM
 H.V. - HIGH VOLTAGE
 C.L. - COINCIDENTER LOGIC

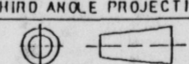
 INSTRUMENT CHANNEL BISTABLE INDICATES THAT THE DEVICE OR INSTRUMENT CHANNEL HAS A BISTABLE LOGIC "1" OUT PUT WHEN:

-  THE PARAMETER MEASURED IS GREATER THAN A PRESET VALUE
-  THE PARAMETER MEASURED IS LESS THAN A PRESET VALUE
-  THE PARAMETER MEASURED DEVIATES FROM A PRESET VALUE BY MORE THAN A PRESET AMOUNT
-  OR  OR  SAME AS ABOVE EXCEPT WITH AN AUTOMATICALLY SET VARIABLE VALUE
-  OR  OR  SAME AS ABOVE EXCEPT WITH REQUIRED HYSTERESIS BETWEEN TURN ON & TURN OFF

NOTES:

1. THIS FUNCTIONAL DIAGRAM IS ALSO APPLICABLE TO POWER RANGE N-44 (N-1208). TAG NUMBER TO BE 44.
2. ALL RELAY DRIVERS TO HAVE PANEL LIGHT TO INDICATE TRIPPED CONDITION.
3. NIS CHANNEL TEST ANNUNCIATOR IS ENERGIZED WHEN SWITCH ASSOCIATED WITH TEST CAL MODULE NM43E (NM312) IS IN OTHER THAN NORMAL POSITION.
4. TAG NUMBERS SHOWN IN PARENTHESIS ARE ASSIGNED BY THE EQUIPMENT MANUFACTURER AND ARE COMMON TO BOTH POWER RANGE CHANNELS.
5. ALL ANALOG RANGES FOR THE ISOLATION AMPLIFIERS ASSOCIATED WITH THE POWER LEVEL SIGNAL ARE SHOWN FOR 0-120% FULL POWER UNLESS MARKED OTHERWISE.
6. FOR POWER RANGE N-44, METER TO BE NLI-1200-8.
7. THE BYPASS SWITCH PERMITS BLOCKING OF THE LOW, MID AND HIGH POWER ROD STOP AND THE DROPPED ROD ROD STOP.

SO. SIVP-330	1
D. 727A14	
REVISION	5
SIVP-330	
ECN-34178	
REVISED PER ECN	
D.C. FUNYAK 3-10-88	
C-4 Addition 3/23/88	
20 Items 4/2/88	
85 pages 4-5-88	

TOLERANCE & MACHINE NOTES
 (UNLESS OTHERWISE SPECIFIED)
 DRAWING PRACTICES, GEOMETRIC SYMBOLS, DIMENSIONING, TOLERANCING & INTERPRETATION BASED ON ANSI Y14 SERIES STANDARD & PS 5551B
 DIMENSIONS IN INCHES BASED ON 68°F (20°C)
 RADIUS OR CHAMFER ALL EDGES---.005-.030
 FILLET RADIUS---.03-.01
 ANGULARITY CHAMFERS---.2
 MAXIMUM SURFACE ROUGHNESS-250μ IN. LAAA
 DWD. REF. THIRD ANGLE PROJECTION
 NEXT ASSY 

B. SMOODY		2-24-87	
DES EMB		DATE	
CHK EMB		SCALE	
APP		TITLE	
APP		Westinghouse Electric Corporation	
APP		WATER REACTOR DIVISIONS - MONROEVILLE, PA. U.S.A.	
APP		SAN ONOFRE UNIT I	
APP		NUCLEAR INSTRUMENTATION SYS	
APP		POWER RANGE N-43 (N-1206)	
APP		FUNCTIONAL BLOCK DIAGRAM	
APP		SHEET NO.	5
APP		UNIT NO.	2033794
APP		SCALE	
APP		SHEET	OF

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TI APERTURE CARD