



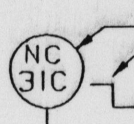
Docket # 50-206
 Control # 8807140139
 Date 7/8/88 of Document
 REGULATORY DOCKET FILE










LEGEND:

 RACK MOUNTED VISUAL ANNUNCIATOR

 RACK MOUNTED SWITCH

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

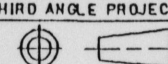
 INSTRUMENT CHANNEL BISTABLE INDICATES THAT THE DEVICE OR INSTRUMENT CHANNEL HAS A BISTABLE LOGIC "1" OUT PUT WHEN:

-  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-42 (N-1207). TAG NUMBER TO BE 42 AND NM35F TO BE NM36F.
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 NM4IE (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-42, METER TO BE NLI-1200-7.
7. FOR POWER RANGE N-42 ONLY.
8. THE BYPASS SWITCH PERMITS BLOCKING OF THE LOW, MID & HIGH POWER RODSTOP & THE DROPPED ROD RODSTOP.

SO. SIVP-330	1
D. 727A14	
IT.	
REVISION	
SIVP-330	5
ECN-34178	
REVISED PER ECN	
B. SMOODY	3-10-88
<i>C.B. Johnson 3/21/88</i>	
<i>N. Brown 4/10/88</i>	
<i>W. G. ... 4/24/88</i>	
<i>...</i>	

TOLERANCE & MACHINE NOTES
 (UNLESS OTHERWISE SPECIFIED)
 DRAWING PRACTICES, GEOMETRIC SYMBOLS,
 DIMENSIONING, TOLERANCING &
 INTERPRETATION BASED ON ANSI Y14 SERIES
 STANDARD & PS 595128
 DIMENSIONS IN INCHES BASED ON 68°F (20°C)
 RADIUS OR CHAMFER ALL EDGES---.005-.030
 FILET RADI---.031.01
 ANGULARITY: CHAMFERS-----12°
 MAXIMUM SURFACE ROUGHNESS-250µ IN. 1/AAA
 DWG. REF. THIRD ANGLE PROJECTION
 NEXT ASSY 

DESIGN	B. SMOODY	2-24
DATE		87
BY		
CHECKED		
APPROVED		
DATE		

INTERACTIVE GRAPHICS
 D.ELC.SM00.2D33793.XXX.05.XXX.031088
 Westinghouse Electric Corporation
 WATER REACTOR DIVISIONS - MONROEVILLE, PA. U.S.A.
 TITLE
 SAN ONOFRE UNIT I
 NUCLEAR INSTRUMENTATION SYS
 POWER RANGE N-41 (N-1205)
 FUNCTIONAL BLOCK DIAGRAM
 DIMENSIONS IN INCHES
 SCALE: DRAWING NO. 2D33793 REV. 5

88 07140155

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 APERTURE
 CARD