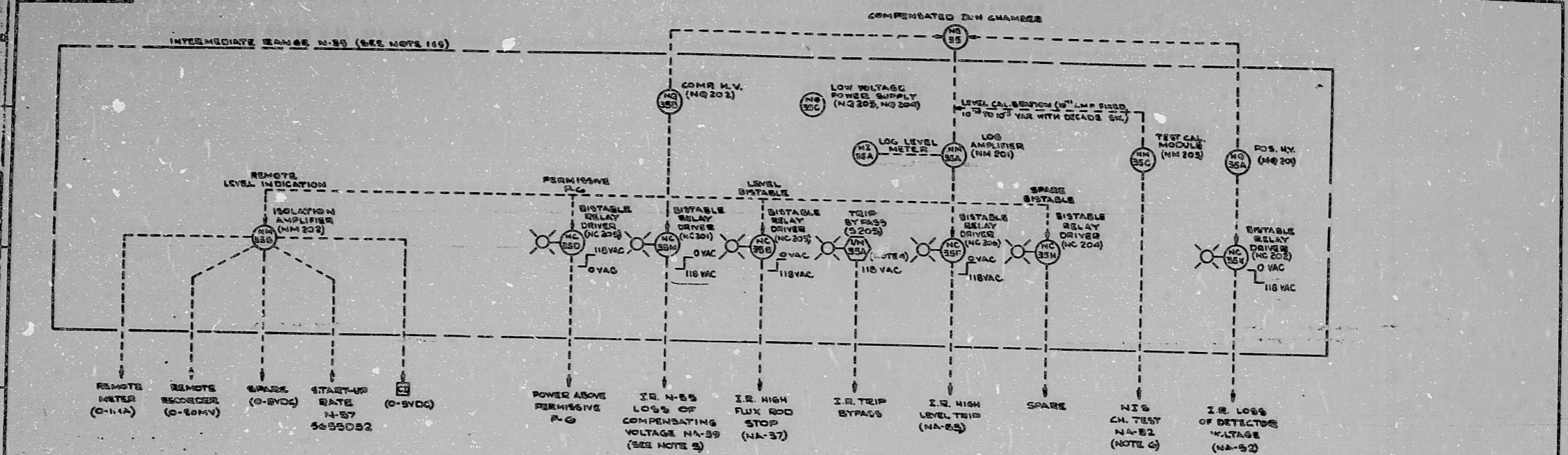


5655050



- LEGEND:**
- RACK MOUNTED VISUAL ANNUNCIATOR
 - RACK MOUNTED SWITCH
 - COMPUTER INPUT
 - N.V. - HIGH VOLTAGE
 - I.R. - INTERMEDIATE RANGE
 - N.I.S. - NUCLEAR INSTRUMENTATION SYSTEM
 - S.U.R. - START UP RATE
 - MC 350 - INSTRUMENT CHANNEL BISTABLE
 - INDICATES THAT THE DEVICE OR INSTRUMENT CHANNEL HAS A BISTABLE LOGIC "1" OUTPUT 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
 - SAME AS ABOVE EXCEPT WITH AN AUTOMATICALLY SET VARIABLE VALUE
 - SAME AS ABOVE EXCEPT WITH REQUIRED HYSTERESIS BETWEEN TURN ON AND TURN OFF

- NOTES:**
1. THIS FUNCTIONAL BLOCK DIAGRAM IS APPLICABLE TO INTERMEDIATE RANGE N-59 COMPONENT TAG NO. TO BE 35 INSTEAD OF 33.
 2. ALL RELAY DRIVERS TO HAVE PANEL LIGHT TO INDICATE TRIPPED CONDITION.
 3. SIMILAR ALARM PROVIDED FOR INTERMEDIATE RANGE N-59.
 4. THE TRIP BYPASS SWITCH PERMITS BLOCKING OF THE LEVEL TRIPS DURING CHANNEL TEST.
 5. TAG NOS. SHOWN IN PARENTHESES ARE ASSIGNED BY THE EQUIPMENT MANUFACTURER AND ARE COMMON TO BOTH INTERMEDIATE RANGE CHANNELS.
 6. NIS CHAN. TEST ANNUNCIATOR NA52 IS ENERGIZED WHEN SWITCH ASSOCIATED WITH TEST CAL. MODULE 1055C (NA203) IS IN OTHER THAN NORMAL POSITION.

TERA APERTURE CARD

SOUTH TEXAS PROJECT
 UNITS: 1 AND 2
 STATUS: CERTIFIED FOR CONSTRUCTION
 CERTIFICATION LETTER NO. ST-WN-88-01350
 AUTHORITY: G. L. HOHMANN
 ENGR. LTR. NO. EP/SA-23414

1	REVISION	DATE	BY
2	CHANGES		
3	DESIGNED	10/27/77	
4	DRAWN	10/27/77	
5	CHECKED		
6	APPROVED		
7	DATE		
8	BY		
9	REVISION		
10	DATE		
11	BY		
12	REVISION		
13	DATE		
14	BY		
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INFORMATION
THIS DOCUMENT IS
SUBJECT TO RESTRICTIONS
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TO THE USER OF THIS
COPY

DATE		Westinghouse Electric Corporation
BY		NUCLEAR ENERGY SYSTEMS, PITTSBURGH, PA., U.S.A.
FOR		WESTINGHOUSE INSTRUMENTATION DIV.
PROJECT		INTERMEDIATE RANGE N-59
APP.		FUNCTIONAL BLOCK DIAGRAM
SCALE		5655050
REVISIONS TO BE MADE		REV. 2/78
DO NOT SCALE		



RIDS

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