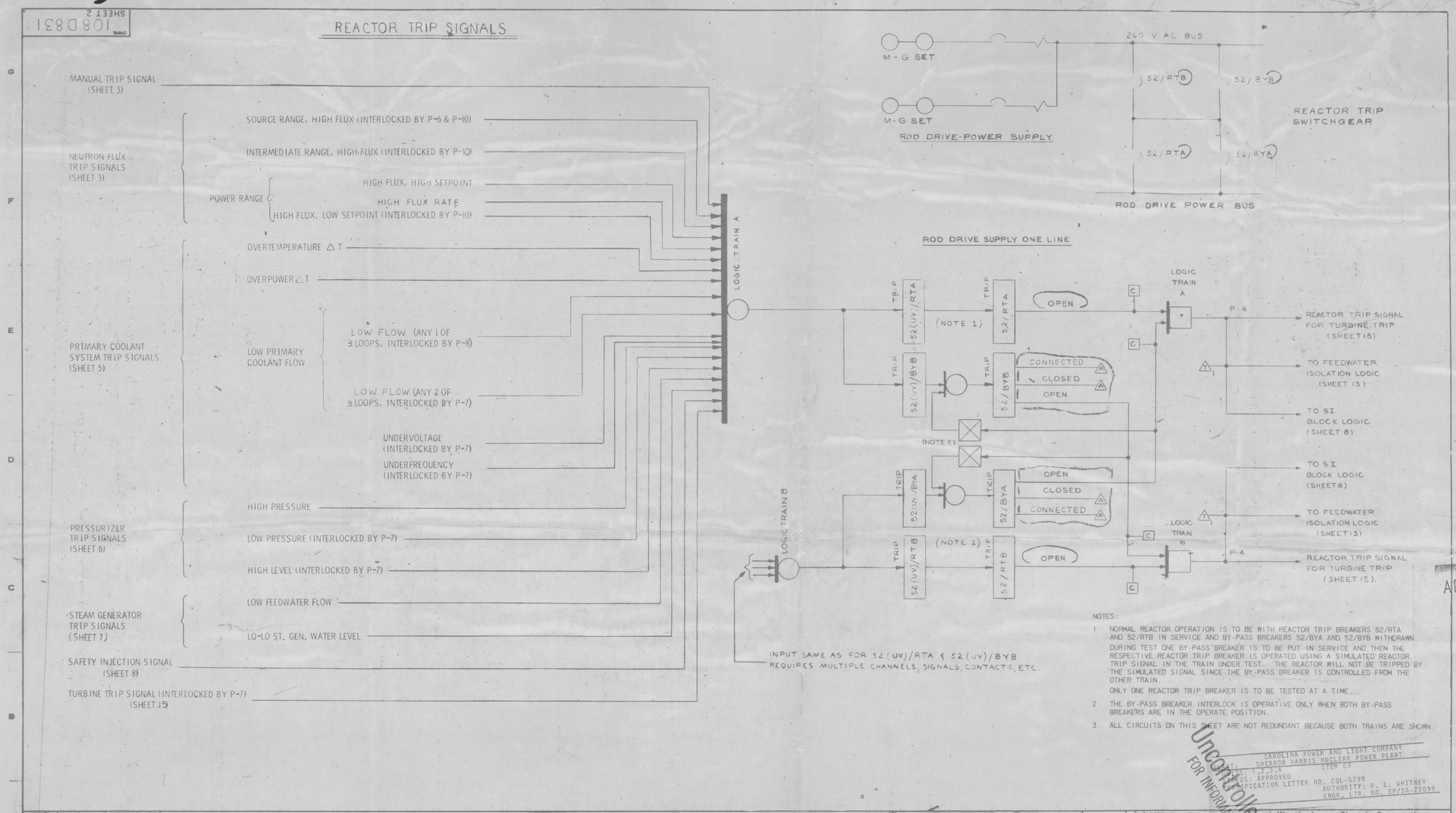
Docket # 50-400
Control # 8204000040-152
Date Affidavit Received
REGULATORY DOCKET FILE

DWG. 108D831 SHEET 2

REACTOR TRIP SIGNALS



NOTES:

1. NORMAL REACTOR OPERATION IS TO BE WITH REACTOR TRIP BREAKERS 52/RTA AND 52/RTB IN SERVICE AND BY-PASS BREAKERS 52/BYA AND 52/BYB WITHDRAWN.
   DURING TEST ONE BY-PASS BREAKER IS TO BE PUT IN SERVICE AND THEN THE RESPECTIVE REACTOR TRIP BREAKER IS OPERATED USING A SIMULATED REACTOR TRIP SIGNAL IN THE TRAIN UNDER TEST. THE REACTOR WILL NOT BE TRIPPED BY THE SIMULATED SIGNAL SINCE THE BY-PASS BREAKER IS CONTROLLED FROM THE OTHER TRAIN.
   ONLY ONE REACTOR TRIP BREAKER IS TO BE TESTED AT A TIME.
2. THE BY-PASS BREAKER INTERLOCK IS OPERATIVE ONLY WHEN BOTH BY-PASS BREAKERS ARE IN THE OPERATE POSITION.
3. ALL CIRCUITS ON THIS SHEET ARE NOT REDUNDANT BECAUSE BOTH TRAINS ARE SHOWN.

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FOR INFORMATION ONLY

CAROLINA POWER AND LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT
ITEM C9
CODE: 1,2,3,4
STATUS: APPROVED
CERTIFICATION LETTER NO. COL-5299
AUTHORITY: R. L. WHITNEY
ENGR. LTR. NO. EP/SA-25099

DISCIPLINE COMMENTS
DUE BY 5-14

DESIGN FOR INFO	DESIGN FOR COMM	DESIGN FOR WC	DESIGN FOR C	DISCI LINE	ENGINEERING FOR INFO	ENGINEERING FOR COMM	ENGINEERING FOR WC	ENGINEERING FOR C
				MECHANICAL	X			
				CIVIL				
				ARCH				
X				ELECTRICAL	X			
	X			INSTR.		X		X
				CONTROLS				
				PLUMBING				
				HVAC				
				APPLIED PHYSICS				
				WTR TI EAT				
				RADIAT TE				
				SHIELDING				
				MATERIALS STRESS & HP & DESIGNER				
				CONST				
				QAE				
				PQAF MODEL FACILITIES				
				REPRODUCIBLE ILLEGIBLE				
				ADDRES				
				STANDARD DISTRIBUTION				

4908/7-76

PRC APERTURE CARD

1364-865 R3 DATE REV 4/21/78

CAROLINA POWER & LIGHT COMPANY & SHEARON HARRIS NUCLEAR POWER PLANT 3600 MW(e) – UNITS 1-4 – 1984-1990

PO SO-300900 ITEM

CHANGE REVIEW A	NO COMMENTS, PRINT TO VENDOR	1	
	COMMENTS AS NOTED, PRINT TO VENDOR	2	
	DRAWING NOT APPLICABLE, PRINT TO VENDOR	3	
	NO COMMENTS; NO PRINT TO VENDOR	4	X
	FOR INFORMATION ONLY	5	
FABRICATION PROCEED B	NO FURTHER REPRODUCIBLE REQUIRED	1	X
	SUBMIT REVISED REPRODUCIBLE	2	
	NO FURTHER REPRODUCIBLE REQUIRED	3	
	SUBMIT REVISED REPRODUCIBLE	4	

FUNCT DIAG REACTOR TRIP SIGNALS

REVIEWED BY S.R. APPD 1/14/80 DATE M GRUP DIV MPR BY 6-6-79

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EBASCO SERVICES INCORPORATED
AGENT
2 RECTOR ST. NEW YORK, NY. 10006

4908/7-76

22X26

DFTM. P. CRALLE	3-7-72	Westinghouse Electric Corporation	
CHKR.		ATOMIC POWER DIV., PITTSBURGH, PA., U.S.A.	
DES. ENG.		TITLE CAROLINA POWER & LIGHT CO. SHEARON HARRIS UNITS 1, 2, 3 & 4 FUNCTIONAL DIAGRAMS REACTOR TRIP SIGNALS	
MFG. ENG.			
MTLS. ENG.			
APP.			
APP.			
APP.			
SA. ENG.	3-7-72	SCALE ~	108D831
		DIMENSIONS IN INCHES DO NOT SCALE	SHEET 2
			SUB # 3

NEXT ASSY. REF. DWG.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. GREEN ALTERNATE OF PRINTS MUST BE USED FOR REPRODUCTION. SUPPLIED TITLE BLOCK MUST BE USED ON ALL REPRODUCTIONS.

CDL/CRL/CSL/CTL 300 D 906391, 2, 3 & 4	CHANGE		
2	COL/CRL/CSL/CTL-300 ECN-9926	CHANGES ARE BACK-CIRCLED P HEARN 11-9-73	
3	CDL/CRL/CSL/CTL 300 ECN-31343	CHANGES CIRCLED R.W. KEMERER 1/3/79 D.A. Rod 3/6/79	