



SOUTH CAROLINA ELECTRIC & GAS CO.
 Viegli C. Summer Nuclear Station Unit No. 1

APPROVED
 APPROVED AS NOTED
 RETURNED FOR CORRECTION

CHECKING IS ONLY FOR GENERAL DESIGN AND GENERAL DIMENSIONS SET FORTH IN CONTRACT DOCUMENTS AND DOES NOT RESOLVE CONTRACTORS FROM HIS OBLIGATION AS TO DETAIL WORKMANSHIP AND GUARANTEES.

GILBERT/COMMONWEALTH, INC.
 BY Jack K. D...
 DES. ITEM NO. RKA DATE 4/4/85

MANUAL START CONTROL ROOM
 MANUAL START LOCAL (NOTES 2 & 3)
 MANUAL STOP CONTROL ROOM
 MANUAL STOP LOCAL (NOTE 2 & 3)

- NOTES:
1. TRAIN A CONTROLS MAP 1; BREAKER NUMBER. TRAIN B CONTROLS MAP 2; BREAKER NUMBER.
 2. LOCAL CONTROL OVERRIDES ALL OTHER SIGNALS.
 3. LOCAL OVERRIDE ACTUATES ALARM IN CONTROL ROOM.
 4. OPEN/SHUT INDICATION IN CONTROL ROOM.
 5. PUMP OPERATING LIGHTS IN CONTROL ROOM.
 6. INDIVIDUAL FOR EACH VALVE.
 7. INDIVIDUAL FOR EACH PUMP.
 8. THE TURBINE SPEED CONTROL IS TYPICAL. ACTUAL IMPLEMENTATION MAY NOT INCLUDE SPEED CONTROL.
 9. THE PUMP START MAY BE DELAYED AND SEQUENCED IF THE EMERGENCY DIESEL POWER CAPABILITY IS LESS THAN THE TOTAL LOAD WITH ALL SYSTEMS STARTING. THE TIME DELAY, IF USED, MAY NOT EXCEED THE MINIMUM STARTING TIME REQUIREMENTS FOR THIS SYSTEM.
 10. THE PUMP START MUST BE SEALED IN (LATCHED), SO THAT LOSS OF THE ACTUATION SIGNAL WILL NOT CAUSE THE PUMP TO STOP.

AMENDMENT 99-01
 JUNE 1999

DRAWING LEGIBILITY CLASS 2
 SEE 66 CAD ENHANCED

FSAR Figure 7.2-1 SHT. 14	
FUNCTIONAL DIAGRAMS	
AUXILIARY FEEDWATER	
PUMPS STARTUP	
1080837	
DESIGN ENGINEERING	
L.S. SUMMER NUCLEAR STATION	
RHM MGR JCL	
TMS-41-011 14 7	

REV	BY	DATE	DESCRIPTION
2	JRM	REVISED PER MFP-20726	MGR JCL
1			

98-42

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