CAR-2165
G-824

SIS HL INJ CAR-2165-G-808 (B-10)
SIS CL INJ CAR-2165-G-808 (B-9)
SIS CL INJ CAR-2165-G-808 (C-9)
SIS CL INJ CAR-2165-G-808 (D-9)
SIS RWST HDR CAR-2165-G-810 (C-7)
FOR "SI" PORTION OF DIAGRAM SEE G-810
RCS LOOP 3 HL CAR-2165-G-800 (F-12)
RCS LOOP 1 HL CAR-2165-G-800 (F-6)
RCS PRT CAR-2165-G-801 (F-11)
RCS PRT CAR-2165-G-801 (G-11)
CVCS LETDN LINE CAR-2165-G-804 (E-5)
CVCS CHG PMP SUCT CAR-2165-G-805 (J-13)
CVCS CHG PMP SUCT CAR-2165-G-806 (K-13)
SS CAR-2165-G-052 (J-2)
SS CAR-2165-G-053 (J-2)
RESIDUAL HEAT REMOVAL PUMP 1B-SB ITEM: APRH SC-2
RESIDUAL HEAT REMOVAL PUMP 1A-SA ITEM: APRH SC-2
ITEM: RESIDUAL HEAT EXCHANGER 1A-SA SC-2
ITEM: RESIDUAL HEAT EXCHANGER 1B-SB SC-2
VA. STEM LEAK-OFF CAR-2165-G-168 (I-5)
VA. STEM LEAK-OFF CAR-2165-G-168 (I-8)
LOCAL SAMPLE & FLUSHING CONN.
TEST CONN.
SUMP 1A
SUMP 1B
RECIRC SUMPS
SEE DWG G-050
IRC
ORC
RECIRCULATING VALVE CHAMBERS
CONCENTRIC GUARD PIPING
PRC APERTURE CARD

NOTES:
1.
2. SAMPLE LINE MUST BE AT A LOWER ELEVATION THAN RHR PIPE TO ALLOW GRAVITY FLOW.
3.
4. ALL (W) ITEM NO. ON THIS DWG. ARE SHOWN WITHOUT PREFIX CQLRH
5. TEMPORARY STRAINER IS PLACED IN TEE DURING INITIAL FLUSHING OPERATIONS. STRAINER MUST BE REMOVED BEFORE PLANT START-UP.

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REFERENCE DRAWINGS

LIST OF DRAWINGS	CAR-1364-B-129
PIPING LINE LIST	CAR-1364-B-070
VALVE & SPECIALTY LIST	CAR-1364-B-068
INSTRUMENT LIST	CAR-2166-B-432
FLOW DIAGRAM LEGEND	CAR-2165-G-041
FLOW DIAGRAM - VALVE LEAKOFF	CAR-2165-G-168

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APPROVED FOR CONSTRUCTION

POOR ORIGINAL

Docket # 50-400 Control # 800402 0010 Date 4/16/80 of Document
31
E
DOCKET FILE

NO.	DATE	REVISION	BY	CH.	APPROVED
7	12-17-80	REVISED ((C,E9) INSTR. LOC.(W) KUMPS ADDED: (I4,L4) TEST CONNS. DELETED (J,KI) DIAPHRAGM SEALS.	C.G.	FQ	
6	3-27-79	REVISED (E8,E12) PIPE (H10-K10) STYLE (H10-K10) WA; (I13,L14) LINE SIZE (I4,L4) TYPE DR. (CL(D8,E1,G3,F4,L3) SAF TRAIN ADDED: (P8, P9) FS PIPING (G14, E14) LINE NO. DELETED (D8, E8, H13, K13) SHIELD; (M6, N6) TEST CONNS. ADDED: "APPROVED FOR CONSTRUCTION" APPLIQUE	J. Y. H	C.S.	
5	5-10-77	REVISED (C7, C12, E15, L15) PIPING PLR PIPE: CAL LAYOUT (C15, E13) DR. ADDED (C15, K15, C14, E14) WA'S, PACKLESS VA. DESIGNATIONS	BW	FY	
4	9-27-76	DELETED "APPROVED FOR CONSTRUCTION" APPLIQUE			
3	10-16-75	REVISED (C9, M12) NG 15 S. ADDED: (B5, E13, J14, M14) LINE NO'S. (F13, F15) SAF CL BREAK. DELETED: (D7, F8) SAF CL BREAK	BW	H.P.	
2	10-3-75	REVISED (C TO N-10) (D TO P-10) PIPING (C-13) (J-7) LINE NO'S (N-1) NOTE 2, ADDED (E-17) NOTE (C,F-13) PIPING (H-7,8) LINE NO'S (E-1,2 TO 14) (C-12,13) (F-13) REACH RODS (C-7,8,11,13) (F,F-8) (E-15) VENTED & DRAINS DELETED: (H-17) NOTE 3.	C.G.	C.G.	
1	11-16-73	RELEASED FOR CONSTRUCTION PER CPEL LETTER OF 3-12-73		G.B.	A.B.

THIS DRAWING IS A REPRODUCTION OF THE CORRESPONDING WESTINGHOUSE DRAWING.	CAR-2165 G-824
WEST. DWG. NO. 114E067 SUB. 5	
(EBASCO FILE NO. 1364-162 REV. 5)	
DRAWING HAS BEEN ALTERED, AS NECESSARY, FOR THE SHEARON HARRIS NUCLEAR POWER PLANT.	

THIS DOCUMENT IS DELIVERED IN ACCORDANCE WITH AND IS SUBJECT TO THE PROVISIONS OF SECTION X OF THE CONTRACT BETWEEN CAROLINA POWER & LIGHT COMPANY AND EBASCO SERVICES INCORPORATED DATED SEPTEMBER 1, 1972, AS AMENDED.

CAROLINA POWER & LIGHT COMPANY
SHEARON HARRIS NUCLEAR POWER PLANT

FLOW DIAGRAM
RESIDUAL HEAT REMOVAL SYSTEM
UNIT I

EBASCO SERVICES INCORPORATED

SCALE NONE	APPROVED	DATE	CAR-2165 G-824
DIV. MECH			
DR.			
CH. FARMER			