CPL-2165 S-0549S01

FROM SERVICE AIR CPL-2165-S-0688 (A-9)

FILTER DETAIL A (F3)

FILTER DETAIL B (E3)

MAKE UP WATER DEMINERALIZER CPL-2165-S-0610S04 (K17)

PRETREATED WATER STORAGE TANK 1X-NNS

TO STORM DRAIN

OVERFLOW TO STORM DRAIN

FROM WATER FEED PUMPS CPL-2165-S-0610 (E1)

TO RAW WATER FEED PUMPS CPL-2165-S-0610 S04 (E1)

POTABLE WATER TRANSFER PUMPS CPL-2165-S-610 S05 (A1)

DEMINERALIZED WATER STORAGE TANK 1-4A NNS

TO STORM DRAIN

SIPHON BREAKER

STORM DRAIN

HOSE CONN.

WAREHOUSE "BY FACILITIES"

FUEL HANDLING BLDG "BY FACILITIES"

N_2 SUPPLY CPL-2165-S-558 (D3)

YARD INSIDE BLDG.

BACKFLOW PREVENTER

DEMINERALIZED WATER CPL-2165-S-0549 S02 (E1)

DEMINERALIZED WATER TRANSFER PUMPS

1-4B-NNS

1-4A-NNS

TUBING

TO DISSOLVED OXYGEN & SODIUM MONITORS (BY I&C)

SERVICE BLDG. "BY FACILITIES"

TO AUX. BOILER CPL-2165-S-0634 (C2)

TO UPFLOW FILTER SYSTEM CPL-2165-S-610 S03 (L17)

TO EYEWASH STATION

TO FIXTURES WPB EAST

TO FIXTURES WPB WEST

HOT WATER RECIRC PUMP

HOT WATER RETURN

HOTWATER STORAGE HEATER 1A (SOUTH)

HOTWATER STORAGE HEATER 1B (NORTH)

DIESEL GEN. 1B-SB JACKET WATER MAKEUP CAR-2165-S-0633S02 (H1)

DIESEL GEN. 1A-SA JACKET WATER MAKEUP CPL-2165-S-0633S02 (A1)

EMERGENCY SHOWER AND EYEWASH AT NSWPS

EMERGENCY SHOWER AND EYEWASH AT COOLING TOWER

NSW PUMPS 1A&1B NNS SEALS & BEARINGS SUPPLY CPL-2165-S-936 (C9)

CIRC WTR PUMPS 1A,1B,1C-NNS SEALS & BEARINGS SUPPLY CPL-2165-S-0936 (L6)

SECURITY BUILDING "BY FACILITIES"

SECURITY BUILDING "BY FACILITIES"

ADMINISTRATION BUILDING "BY FACILITIES"

PRETREATMENT WATER FILTERS

FILTER 2B

FILTER 2A

FILTER 1B

FILTER 1A

BACK FLUSH TO SETTLING BASIN CPL-2165-S-0610 S03 (E16)

FILTER FEED PUMPS

UP FLOW FILTER CLEARWELL TANK 1-4X-NNS CPL-2165-S-0610 S03 (B1)

UP FLOW FILTER CLEARWELL TANK 1-4X-NNS CPL-2165-S-0610 S03 (C1)

FILTER DETAIL C (F1)

FILTER DETAIL D (E1)

HYDROPNEUMATIC TANK 1-4X-NNS CPL-2165-S-0610S05 (J1)

HYDROPNEUMATIC TANK (OPERATIONS) 1X-NNS

POTABLE WATER BOOSTER PUMP 1X-NNS

WATER TREATMENT BLDG YARD

WATER TREATMENT BLDG "BY FACILITIES"

SEWAGE TREATMENT LAB "BY FACILITIES"

SERVICE BLDG "BY FACILITIES"

WAREHOUSE "BY FACILITIES"

CHEMICAL STORAGE "BY FACILITIES"

IN PROCESSING BLDG "BY FACILITIES"

MOBILE EQUIPMENT SHOP "BY FACILITIES"

TO RECREATION AREA AND TEMPORARY TRAILER HOOK UPS "BY FACILITIES"

EMERGENCY SHOWER & EYEWASH AT SEWAGE TREATMENT PLANT

HOSE CONN. (TYP)

TO FHB "M" AREA "BY FACILITIES"

TO FHB "K" AREA "BY FACILITIES"

OPERATIONS BUILDING "BY FACILITIES"

WASTE PROCESSING BUILDING OFFICE AND LAB AREA EL. 261 & 275 "BY FACILITIES"

WASTE PROCESSING BUILDING

TURBINE BUILDING "BY FACILITIES"

OUTAGE TRAILER HOOK-UP "BY FACILITIES"

EMERGENCY SHOWER & EYEWASH AT ACID & CAUSTIC STORAGE TANK IN YARD

EMERGENCY SHOWER AND EYEWASH BATTERY ROOM 1A

EMERGENCY SHOWER AND EYEWASH BATTERY ROOM 1A-SA

EMERGENCY SHOWER AND EYEWASH BATTERY ROOM 1B-SB

AUX BLDG SUPPLY HDR

TO EMERGENCY SHOWER AND EYEWASH STATIONS (TYP)

EMERGENCY SHOWER & EYEWASH AT SAMPLE ROOM / 1B

AUXILIARY BLDG.

TANK BLDG. YARD

REV	DATE	DESCRIPTION	DWN	CHK	APP'D
23		[illegible]	AFM	[illegible]	
22	8/23/99	ADMINISTRATIVE REVISION: CORRECTED VALVE TAG (LT) REF. CR 99-02023	AFM	RPP	DLS
21	2/15/99	THIS DRAWING HAS BEEN ELECTRONICALLY REPRODUCED WITH DESIGN CHANGE INCORPORATED ESP 97-20087 (J14-J17, K15-K17, L16)	AFM	RPP	DLS

THIS DRAWING HAS BEEN PRODUCED AND IS [illegible] TO THE MED. ADJU SYSTEM AND RESPONDS TO THIS DOCUMENT SHOULD BE CONTACTS OF THE ELECTRONIC DRAWING IS [illegible] CONC THE CADD SYSTEM TO ACHIEVE [illegible]

NUCLEAR SAFETY RELATED (Q-LIST)

YES ☐ NO ■ PARTIAL ☐ FP-Q ☐ RB-Q ☐

CAROLINA POWER & LIGHT COMPANY
NUCLEAR ENGINEERING DEPARTMENT – RALEIGH, NC

CP&L

PLANT: HARRIS NUCLEAR PROJECT – UNIT 1

SCALE: NONE

TITLE: SIMPLIFIED FLOW DIAGRAM POTABLE & DEMINERALIZED WTR SYS UNIT 1

DWG NO.: CPL-2165-S-0549S01

RECEIVED 12/3/99 DOCUMENT CONTROL

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