GROUND WATER MONITORING WELL SCHEDULE

WELL NO.	NORTH COORDINATE	EAST COORDINATE	GROUND ELEVATION	TOP OF PIPE OR BOX ELEVATION
GW#1	472,644.89	1,905,199.24	435.5	PIPE 438.93
GW#2	472,451.45	1,905,267.40	435.3	BOX 437.49
GW#3	472,423.00	1,905,434.19	435.1	PIPE 438.18
GW#4	472,472.15	1,905,499.08	435.3	PIPE 438.04
GW#5	472,311.96	1,905,620.63	435.9	PIPE 436.21
GW#6	472,145.58	1,905,541.24	434.8	BOX 437.43
GW#7	472,240.40	1,905,321.36	435.7	BOX 438.01
GW#8	471,522.67	1,905,668.23	435.8	PIPE 436.94
GW#9	470,950.39	1,905,683.11	436.41	PIPE 438.57
GW#10	471,325.25	1,905,787.36	435.9	BOX 438.51
GW#11	471,489.41	1,905,924.60	434.9	BOX 437.66
GW#12	471,052.00	1,905,541.00	435.8	BOX 438.56
GW#13	470,988.81	1,904,083.02	435.2	BOX 437.40
GW#14	DID NOT DRILL			
GW#15	470,820.71	1,905,193.28	435.5	BOX 438.68

MONTICELLO RESERVOIR

DUKE TRANSMISSION TOWER EMBANKMENT

TOP OF NORTH DAM EL. 438.0

ENCLOSED CONTOURS DETERMINED AS PER WOODWARD-GARDNER LETTER/SKETCH DATED FEB. 12, 1974

SERVICE WATER POND

SERVICE WATER INTAKE

SERVICE WATER PUMP HOUSE

FOR LOCKING DEVICE DETAIL ON EXISTING M.H. SEE DWG. E-520-006

SERVICE WATER DISCHARGE STRUCTURE

CIRC WATER DISCHARGE STRUCT.

ACCESS ROAD

NORTH DRAINAGE

NORTH DRAINAGE OUTFALL

CONSTRUCTION BLDG.

NUC. LEARNING CTR.

DET. POND "B"

DET. POND "A"

PARKING LOT (PAVED)

REF. 1MS-75-011 FOR NLC DRAINAGE DETAILS

REF. 1MS-82-013&014 FOR NOB DRAINAGE DETAILS

NUCLEAR OPERATIONS BUILDING

SOUTHWEST DRAINAGE OUTFALL

DETENTION POND "C"

EMERGENCY RESPONSE BUILDING

STATION ROAD

GRAVEL ROAD

TO FAIRFIELD PUMP STORAGE FACILITY

CON. STORAGE

Q.C. TEST LAB

RADIOLOGICAL MAINTENANCE BLDG.

HOT MACHINE SHOP

FUEL HANDLING BLDG.

AUXILIARY BLDG.

REACTOR BLDG.

TOP OF RAILS EL. 436.0

DIESEL OIL STORAGE TANKS

MAINTENANCE SHOP

CONTROL BLDG.

INTERMEDIATE BLDG.

DIESEL GEN. BLDG.

AUX. BOILER

SECURITY TURNOVER STATION

CONDENSATE TANK

AUXILIARY SERVICE BLDG.

TURBINE BLDG.

WATER TREATMENT BLDG.

FILTERED WATER

DEMIN. WATER STOR. TANK

CONDENSATE POLISHING BLDG.

TRANSFORMER AREA

SERVICE BUILDING

MAINTENANCE OFFICES

WAREHOUSE "C"

FUEL OIL STORAGE TANKS

UNLOADING AREA

AUXILIARY ACCESS PORTAL

VOLTAGE REGULATOR AREA

FITNESS CENTER

18 SHIPPING CONTAINERS

PARKING/LAYDOWN

E ROAD EL. 435.0

STA. WAREHOUSE N471,980.00 E1,905,895.56

WAREHOUSE "B"

WAREHOUSE "A"

ISFSI PAD

HP NITROGEN PAD

PAINT STOR.

INSULATORS SHOP

METAL SHOP

PAINT SHOP

REST ROOM & FIRST AID BLDG.

PARKING LOT

WEST PERSONNEL ACCESS

4" MIDE CONCRETE DRAINAGE SWALE

BLAST SHED

ELEC. SHOP

FIBER HUT

CIVIL/WELDING OFFICES

CARPENTER/PIPE SHOP

ROCK WALL TYP.

CLOCK ALLEY

SUBSTATION

FOR GRADING & CMP CULVERTS SEE DWG. E-744-054 & E-745-002

CIP BLDG.

EMH0045

EMH0046

UNIT 1 RELAY HOUSE

EMH0047

EMH0048

RELAY MSC

BELL TEL. BLDG. SEE DWG. E-744-059 FOR EASEMENTS

CONTAMINATED WASTE COLLECTION SUMP

GRAVEL SUMP EXISTING CONCRETE HELPING

SPARE TRANSFORMER PAD AREA

REMOVE IN PLACE

SOUTH PERSONNEL ACCESS

TRANSMISSION TOWERS

PARKING LOT (PAVED)

WAREHOUSE

PAINT SHOP

GARAGE

GREASE & OIL BLDG.

SOUTH 1 DRAINAGE OUTFALL

SOUTH 2 DRAINAGE OUTFALL

SOUTHEAST DRAINAGE OUTFALL

BIOLOGICAL WASTE TREATMENT AREA

ROCK WALL TYP

FOR CONTINUATION OF FINISHED GRADE SEE DWG. E-744-054

FSB (30'X100')

FDC

REFERENCES:

E-738-001	PLAN - YARD TRACKAGE
E-743-001 SH.1	NORTH PLOT PLAN - DETAILED CATCH BASIN LOCATIONS
E-743-001 SH.2	CATCH BASIN SCHEDULE
E-743-002	SOUTH PLOT PLAN - DETAILED CATCH BASIN LOCATIONS
E-744-053	NORTH PLOT PLAN - FINISHING GRADE
E-744-054	SOUTH PLOT PLAN - FINISHING GRADE
E-744-058	NORTH PLOT PLAN - PLANT ROADS AND PARKING AREAS
E-744-059	SOUTH PLOT PLAN - PLANT ROADS AND PARKING AREAS
E-744-062	TYPICAL PAVEMENT DESIGN - SECTIONS AND PLANT SITE CROSS SECTIONS
E-744-500	HAUL PATH FINAL GRADE PLAN
E-744-501	ISFSI STORAGE POD FINAL GRADE PLAN

NOTES:

1. DRAWING INDICATES LOCATION OF MAJOR PLANT STRUCTURES, ROADWAYS, RAILROAD, ETC., FENCING AND SITE DRAINAGE FEATURES ARE INDICATED FOR REFERENCE. FOR SPECIFIC CONFIGURATION, REFER TO 744-041 & 744-045 FOR FENCING AND 743-001 & 744-002 FOR DRAINAGE.
2. GROUND WATER MONITORING WELLS ARE SHOWN AS GW#
3. BACKGROUND CONTOUR INFORMATION PROVIDED BY SOUTH CAROLINA ELECTRIC & GAS COMPANY.

PENDING/HOLD CHG
Use with reference to
ECR: 72133
DATE: 5.31.16
INITIALS: JDW

1/4"= 1'-0" 0' 5' 10' 15' 20'

NO.	DATE	BY	REVISION	CHD. BY	APPROVAL
58	11/1/16	JMR	REVISED PER ECR-72017, 50874, 53008, AND 50876A	RHM	JR
57	6/8/16	JES	REVISED PER ECR50882	DGP	JPW
56	12/15/15	JMR	REVISED PER ECR-50870	RHM	JR
55	8/26/15	JMR	REVISED PER ECR-50793A	MCR	RM
54	8/18/2015	DDJ	REVISED PER ECR50803	MCR	NK
53	5/15/2015	DDJ	REVISED PER ECR50748A	MCR	NR
52	4/15/15	JMR	REVISED PER ECR-50857	MCR	AB

FSAR Figure 2.4-6

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
SITE IMPROVEMENTS
PLOT PLAN

DESIGN ENGINEERING
V. C. SUMMER NUCLEAR STATION, JENKINSVILLE, S. C.
GILBERT / COMMONWEALTH

A.V.N.	M.G.R.	J.D.T.

E-744-052 58