



LEGEND:

- DENOTES STORM WATER DRAINAGE AREAS
- DENOTES PAVED AREAS
- DENOTES BUILDING ROOF TOPS
- DENOTES HAZARDOUS WASTE ACCUMULATION FACILITIES
- DENOTES DIKED OR CURBED CONCRETE AREAS THAT REDUCE POLLUTANTS IN STORM WATER RUNOFF
- DENOTES WATERSHED AREA CODE DESIGNATION
- DENOTES NPDES OUTFALL WITH STORM WATER
- DENOTES STORM WATER OUTFALL

OUTFALL SCHEDULE:

- TURBINE SUMP A
- TURBINE SUMP B
- REVERSE OSMOSIS REJECT
- OIL TANK DIKE
- TURBINE SUMP C
- PACKAGE BOILER BLOWDOWN
- SETTLING POND
- LIQUID WASTE SYSTEM
- BORON RECOVERY
- LAUNDRY
- 1A WASTE NEUTRALIZATION SUMP
- 1B WASTE NEUTRALIZATION SUMP
- 2A WASTE NEUTRALIZATION SUMP
- 2B WASTE NEUTRALIZATION SUMP
- UNIT ONE STEAM GENERATOR BLOWDOWN
- UNIT TWO STEAM GENERATOR BLOWDOWN
- UNIT ONE RECIRCULATION SPRAY HEAT EXCHANGER
- UNIT TWO RECIRCULATION SPRAY HEAT EXCHANGER
- UNIT ONE CONDENSER HOTWELL
- UNIT TWO CONDENSER HOTWELL
- LOW CONDUCTIVITY SUMP
- UNIT ONE STEAM GENERATOR HYDROLANCE
- UNIT TWO STEAM GENERATOR HYDROLANCE

REFERENCES:

- 11448-FB-1A
- 11448-FB-1B
- 11448-FY-1F
- 11448-FY-2L
- 11448-FY-2M
- 11448-FY-3B
- 11448-FY-3C
- 11448-FY-5M
- 11448-FY-5N
- 11448-SPS-10C
- NUS 5129-C-5001
- 6000A-C-003
- 9038A-BC-003
- 12313-EY-11A
- YARD STORM & SANITARY SEWER
- YARD STORM & SANITARY SEWER
- ISPSI (DRY STORAGE) FACILITY
- INTAKE CANAL
- INTAKE CANAL
- DREDGING AT DISCHARGE
- DREDGING AT DISCHARGE
- UNDERGROUND UTILITIES-WEST THIRD
- UNDERGROUND UTILITIES-MIDDLE THIRD
- UNDERGROUND UTILITIES-EAST THIRD
- SEWAGE TREATMENT PLANT
- PLOT PLAN SETTLING POND AREA
- GRADING & DRAINAGE - GRAVEL NECK
- DREDGE SPOILS AREA

NOTES:

- THIS DRAWING IS ISSUED FOR THE PURPOSE OF APPLICATION FOR A STORMWATER NPDES PERMIT. WATERSHED AREAS AND DESCRIPTIONS ARE CONTAINED IN THE NARRATIVE PORTION OF THE APPLICATION.
- TOPOGRAPHY USED WAS TAKEN FROM CAD FILES 11448-FY-5L, 5M, 5N, 5LA AND REFERENCE DRAWINGS CITED.
- SEE NARRATIVE PORTION OF THE PERMIT FOR THE LOCATION, MANNER, AND FREQUENCY IN WHICH PESTICIDES, HERBICIDES, SOIL CONDITIONERS AND FERTILIZERS ARE APPLIED.



VIRGINIA POWER
NORTH CAROLINA POWER

NUCLEAR ENGINEERING SERVICES
RICHMOND, VIRGINIA

STATION DRAINAGE MAP
ENVIRONMENTAL COMPLIANCE
SURREY POWER STATION

DSGN	DSGN SUPV	CAD NO. 12403131902646.DGN	REV.
DRWN	ENGR SUPV	DRAWING NO.	0
CHKD		S-2646-3-C-002	
DISPL	SCALE NTS	UNLESS OTHERWISE NOTED	SH OF

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