

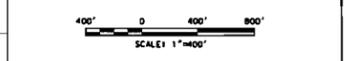
- LEGEND: AP1000 BUILDINGS**
- ① CONTAINMENT/SHIELD BUILDING
 - ② TURBINE BUILDING
 - ③ ANHEX BUILDING
 - ④ AUXILIARY BUILDING
 - ⑤ SWS COOLING TOWERS
 - ⑥ NOT USED
 - ⑦ RADWASTE BUILDING
 - ⑧ NOT USED
 - ⑨ NOT USED
 - ⑩ DIESEL GENERATOR BUILDING
 - ⑪ NOT USED
 - ⑫ CWS INTAKE CANAL
 - ⑬ FIRE WATER/CLEAR WELL STORAGE TANK
 - ⑭ FIRE WATER STORAGE TANK
 - ⑮ TRANSFORMER AREA
 - ⑯ NOT USED
 - ⑰ CONDENSATE STORAGE TANK
 - ⑱ DIESEL GENERATOR FUEL OIL STORAGE TANKS
 - ⑲ DEMINERALIZED WATER STORAGE TANK
 - ⑳ BORIC ACID STORAGE TANK
 - ㉑ HYDROGEN STORAGE TANK AREA (LATER)
 - ㉒ TURBINE BUILDING LAT DOWN AREA
 - ㉓ CIRCULATING WATER PIPE
 - ㉔ WASTE WATER RETENTION BASIN
 - ㉕ PASSIVE CONTAINMENT COOLING
 - ㉖ AUXILIARY WATER STORAGE TANK
 - ㉗ DIESEL DRIVEN FIRE PUMP / ENCLOSURE
 - ㉘ NOT USED
 - ㉙ HEAVY LIFT CRANE FOUNDATION

- LEGEND: PERMANENT BUILDINGS**
- 301. EXECUTIVE BUILDING
 - 302. ENGINEERING AND ADMINISTRATION BUILDING
 - 303. MAINTENANCE SUPPORT BUILDING
 - 304. PERSONNEL ACCESS POINT
 - 305. COMMUNICATION SUPPORT CENTER
 - 306. CARGO ACCESS PORTAL (CAP)
 - 307. WAREHOUSE
 - 308. ISFSI STORAGE AREA
 - 309. SIMULATOR AND TRAINING FACILITIES
 - 310. PROCESSING FACILITY
 - 311. FIRE TRAINING CENTER (NOT CURRENTLY IN SHAW'S SCOPE)
 - 312. BLOWDOWN SUMP AND DECONTAMINATION BUILDING
 - 313. SWITCH YARD CONTROL HOUSE
 - 314. PUMPHOUSE SWITCHGEAR BUILDING
 - 315. BULK GAS STORAGE FACILITY
 - 316. OIL STORAGE FACILITY
 - 317. DRY ACTIVE WASTE BUILDING
 - 318. CASK TRANSFER FACILITY
 - 319. DRY STORAGE BUILDING
 - 320. DIESEL FUEL OFFLOADING STATION
 - 321. RADIOACTIVE MATERIAL/OUTAGE EQUIPMENT STORAGE BUILDING
 - 322. NOT USED
 - 323. ROTOR STORAGE BUILDING
 - 324. WASTE LIQUOR AND WASTE WATER DISCHARGE STRUCTURE
 - 325. RIVER WATER INTAKE STRUCTURE
 - 327. COOLING TOWER BASIN AND PUMP STATION

- EXISTING BUILDINGS**
- AA. MAINTENANCE BUILDING (CONVERT TO SPECIALTY SHOP AREA)
 - AB. SERVICE BUILDING (CONTRACTOR OVERFLOW - SPECIAL PROJECTS, USE AS NECESSARY)
 - AC. RADWASTE PROCESSING FACILITY
 - AD. WAREHOUSE (STORAGE AREA FOR LARGE EQUIPMENT, OVERFLOW MATERIAL)
 - AE. RECEIVING WAREHOUSE (VEHICLE STOCK AREA)
 - AF. RETIREMENT PLACE RADWASTE SOLIDIFICATION BUILDING
 - AG. ADMINISTRATION BUILDING (MULTI-USE TRAINING, CONTRACTOR WORK AREA)
 - AH. PLANT ENTRY & SECURITY BUILDING (PESB) (IN-ACTIVE INTERMITTENT USE ONLY)
 - AJ. COMMUNICATIONS BLDG. AND HIGHWAY TOWER
 - AK. EXISTING CEMENTERY
 - AL. EXISTING SEWAGE TREATMENT PLANT
 - AM. PAINT WASTE OIL AND SAND BLAST STORAGE AREAS

- GENERAL NOTES**
1. EXISTING TOPOGRAPHY REPRODUCED FROM ORIGINAL TOPOGRAPHY DRAWINGS PROVIDED BY THE ENGINEERING DEPARTMENT OF GEORGIA POWER CO., ATLANTA, GEORGIA.
 2. THE GRID SYSTEM SHOWN IS DESIGNATED "PLANT GRID SYSTEM". THE FOLLOWING FACTORS MAY BE APPLIED TO OBTAIN THE STATE PLANE GRID SYSTEM:
A. PLANT POINTS = 1,135,000 + STATE PLANE NORTH
B. PLANT POINTS = 614,000 + STATE PLANE EAST
 3. THE STATE PLANE COORDINATES SYSTEM IS DEFINED AS GEORGIA EAST NA82 HORIZONTAL DATUM, VERTICAL DATUM IS NAVD83.
 4. TRANSMISSION TOWER LOCATIONS ARE PRELIMINARY. SPECIFIC LOCATIONS WILL BE DETERMINED DURING DETAILED DESIGN.
 5. PER CONSTRUCTION FACILITIES BUILDING LOCATIONS REFER TO DRAWING NO. SVO-0000-02-002.
 6. PERMANENT BUILDING NOTED WITH (N) WILL BE LOCATED LATER WHEN ADDITIONAL INFORMATION IS AVAILABLE.

- LEGEND**
- PROPOSED SHOULDER
 - PROPOSED EDGE OF ROAD
 - EXISTING ROAD
 - R.O.W. - EASEMENT
 - SITE EAB
 - PROPERTY LINE
 - PONDS/STREAMS
 - EXISTING FENCE
 - CONSTRUCTION FENCE
 - EXISTING TOWERS
 - PROPOSED TOWERS
 - WETLANDS
 - 50' WETLANDS BUFFER ZONE



THIS DRAWING SUPERSEDES SVO-G1-X2-001
SAFETY CLASSIFICATION: E

CONFIDENTIAL
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF STONE & WEBSTER, INC. AND IS TO BE RETURNED UPON REQUEST. IT'S CONTENTS MAY NOT BE DISCLOSED TO THE PUBLIC OR USED FOR OTHER THAN THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN PROVIDED WITHOUT WRITTEN CONSENT OF STONE & WEBSTER, INC.

AP1000	ADVANCED PASSIVE LIGHT WATER REACTOR
ALTA DNE NO.	N/A
SHEET	OF

TITLE	VOGTLE ELECTRIC GENERATING PLANT PERMANENT BUILDINGS AND FACILITIES SITE PLAN
DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1

ISSUED FOR BOX REVIEW
NOT FOR CONSTRUCTION
GENERAL REVISIONS
CHANGED DRAWING NUMBER

NO.	REVISION	DATE
0	ISSUED FOR BOX REVIEW	01-29-09

PLANT APPLICABILITY	APPLICABLE TO ALL AP1000 PLANTS EXCEPT:
CODE	
APPLIES TO THE FOLLOWING	AP1000 PLANTS ONLY.
X SVO	
APPL. REVIEWER	PC

STATUS	<input checked="" type="checkbox"/> CFC <input type="checkbox"/> CAC <input type="checkbox"/> DES <input type="checkbox"/> OPEN
DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1

PREPARED BY	PC
CHECKED BY	PC
DESIGNED BY	PC
REVIEWED BY	PC
DATE	01-29-09

DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1

DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1

DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1

DATE	01-29-09
SCALE	1" = 400'
SHEET	0 OF 1