



**LEGEND: AP1000 BUILDINGS**

- 1 CONTAINMENT/SHIELD BUILDING
- 2 TURBINE BUILDING
- 3 ANNEX BUILDING
- 4 AUXILIARY BUILDING
- 5 SWS COOLING TOWERS
- 6 NOT USED
- 7 RADWASTE BUILDING
- 8 PLANT ENTRANCE
- 9 CIRCULATING WATER PUMP INTAKE STRUCTURE
- 10 DIESEL GENERATOR BUILDING
- 11 CWS COOLING TOWER
- 12 CWS COOLING TOWER FLUME
- 13 FIRE WATER/CLEARWELL STORAGE TANK
- 14 FIRE WATER STORAGE TANK
- 15 TRANSFORMER AREA
- 16 SWITCHYARD
- 17 CONDENSATE STORAGE TANK
- 18 DIESEL GENERATOR FUEL OIL STORAGE TANKS
- 19 DEMINERALIZED WATER STORAGE TANK
- 20 BORIC ACID STORAGE TANK
- 21 NOT USED
- 22 TURBINE BUILDING LAYDOWN AREA
- 23 CIRCULATING WATER PIPE
- 24 WASTE WATER RETENTION BASIN
- 25 PASSIVE CONTAINMENT COOLING AND AUXILIARY WATER STORAGE TANK
- 26 DIESEL-DRIVEN FIRE PUMP / ENCLOSURE
- 27 NOT USED
- 28 RELAY HOUSE AND BATTERIES WORK AREA
- 29 T-PAD FOR LAMPSON CRANE

**LEGEND: PERMANENT CONSTRUCTION FACILITIES**

- 11 CONSTRUCTION FIELD OFFICES
- 18 CARPENTRY SHOP/CRAFT SHELTER
- 20 MECH AND STRUCTURAL FAB SHOP
- 22 BLAST SHOP
- 23 PAINT SHOP
- 24 PAINT STORAGE FACILITY
- 41 NON MANUAL PARKING
- 44 WELD TEST BOOTH
- 59 RETAINED EXISTING NOT BUILDING

**LEGEND: NUCLEAR SUPPORT FACILITIES**

- 201 CLARIFIER BUILDING
- 202 CLARIFIED WATER STORAGE TANK
- 203 RWS CLARIFIER
- 204 CLARIFIED WATER TRANSFER TANK
- 205 MAKE-UP POND A INTAKE STRUCTURE
- 206 YARD FIRE WATER TANKS

**REFERENCE DRAWINGS:**

APP-0000-X2-024 AP1000 TWIN UNIT SITE PLOT PLAN

**NOTES:**

1. HORIZONTAL DATUM IS BASED ON SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM NAD 83, ZONE 3900, IN INTERNATIONAL FEET.
2. VERTICAL DATUM IS REFERENCED TO MEAN SEA LEVEL DATUM (NGVD 1929).
3. CONTOUR INTERVAL SHOWN IS 5 FEET.
4. NEW UNIT 1 LOCATED ON CENTERLINE OF FORMER UNIT 1. NEW UNIT 2 CENTERLINE 850' TO EAST.
5. EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON THE PHOTOGAMMETRIC SURVEY BY SANBORNMAP COMPANY, INC PERFORMED ON FEBRUARY 28, 2006. PROJECT NO. 060229, AERIAL TOPOGRAPHICAL SURVEY DATED FEBRUARY 2006, AND ADDITIONAL BACKGROUND INFORMATION FROM DUKE GENERAL PLAN CK-0002-01.

**LEGEND: UNDERGROUND SYSTEM DESIGNATORS**

- CWS CIRCULATING WATER SYSTEM
- RWS RAW WATER SYSTEM
- WLS LIQUID RADWASTE SYSTEM
- WWS WASTE WATER SYSTEM

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Site Layout

FIGURE 1.1-202

Rev 1