



ELEVATIONS AT MAJOR STRUCTURES

|                       | UNIT 1 | UNIT 2 | UNIT 3 |
|-----------------------|--------|--------|--------|
| POWER BLOCK: (a)      | 957    | 954    | 951    |
| ESSENTIAL SPRAY PONDS |        |        |        |
| GRADE                 | 958    | 955    | 952    |
| MAX WATER SURFACE:    | 956    | 953    | 950    |
| COOLING TOWERS        |        |        |        |
| GRADE:                | 957    | 954    | 951    |
| MAX WATER SURFACE:    | 956    | 953    | 950    |

(a) INCLUDES CONTAINMENT, AUXILIARY, FUEL STORAGE, CONTROL, RADWASTE, TURBINE, DIESEL GENERATOR, AND WATER STORAGE.

- TD - TOP OF DIKE ELEVATION
- RD - ROAD ELEVATION
- FL - FLOW LINE INVERT ELEVATION
- WS - WATER SURFACE ELEVATION
- BR - BOTTOM OF RESERVOIR ELEVATION
- FG - FINISH GRADE ELEVATION
- BP - BOTTOM OF POND ELEVATION
- EP - EVAPORATION POND

- LEGEND
- ① UNIT 1 CONTAINMENT BLDG  
COORDINATE POSITION:  
N870, 633.47 E211,440.26
  - ② UNIT 2 CONTAINMENT BLDG  
COORDINATE POSITION  
N869, 718.88 E210, 672.82
  - ③ UNIT 3 CONTAINMENT BLDG  
COORDINATE POSITION:  
N868, 596.96 E210, 264.48
  - ④ ESSENTIAL SPRAY  
PONDS - 2 PER UNIT.
  - ⑤ COOLING TOWER AREA
  - ⑥ WATER RECLAMATION AREA
  - ⑦ WATER STORAGE RESERVOIR  
80 ACRES (TOTAL)
  - ⑧ EVAPORATION PONDS
  - ⑨ ADMINISTRATION BLDG
  - ⑩ SERVICE BLDG
  - ⑪ MAIN ACCESS ROAD
  - ⑫ RAILROAD ACCESS
  - ⑬ CIRCULATING WATER  
INTAKE STRUCTURE
  - ⑭ SWITCHYARD
  - ⑮ TRANSMISSION LINES
  - ⑯ RETENTION BASIN
  - ⑰ CHLORINE STORAGE TANK
  - DRAINAGE DITCH

NOTES:

- COORDINATES ARE BASED ON ARIZONA STATE GRID SYSTEM.
- ELEVATIONS IN FEET

Arizona Nuclear Power Project  
Palo Verde Nuclear Generating Station  
Units 1, 2 & 3

SITE DRAINAGE PLAN  
(Sheet 1 of 2)  
Figure 2.4-2

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