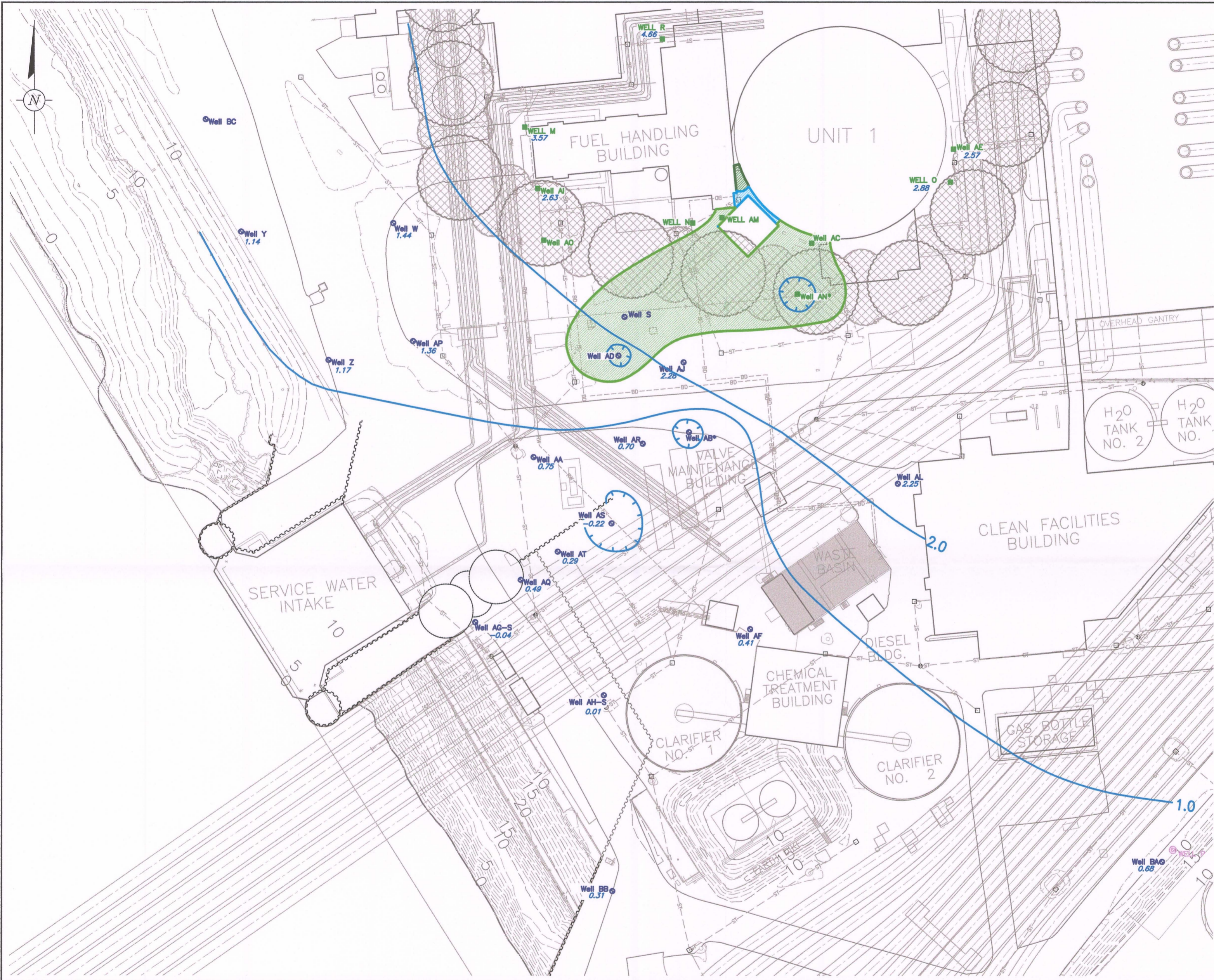
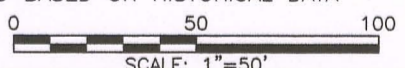


File Name: G:\PROJECTS\2563\Salem - Unit 1 - Tritium\WPT00571.0001 - Contained Reporting and Recovery\UDD\WPT00571.0001 - Water Table Elevation Contours\_Arc2008.dwg  
 Plot Date/Time: 5/27/2008 1:28 PM  
 User Name: Sharpe, Christopher  
 Page 24 of 24



- LEGEND:**
- WELL R** MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM, 20 FEET DEEP-TYPICAL (WELLS M, N, O, R, AC, AE, AI AND AM).
  - WELL S** MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM, 35 FEET DEEP-TYPICAL (WELLS S, T, U, W, Y, Z, AA, AB, AD, AF, AG(SHALLOW & DEEP), AH(SHALLOW & DEEP), AJ AND AL).
  - WELL L** MONITORING WELL SCREENED IN THE VINCENTOWN FORMATION, 80 FEET DEEP-TYPICAL (WELLS K, L, P, Q AND V).
  - 23.00** HISTORIC GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL - NAVD 1988)
  - 3.19** GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL - NAVD 1988)
  - 1.00** GROUNDWATER ELEVATION CONTOUR (0.5 FOOT INTERVAL)
  - ←** GROUNDWATER FLOW DIRECTION
  - [Blue Hatched Box]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 1,000,000 pCi/L
  - [Green Hatched Box]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 500,000 pCi/L
  - [Light Blue Hatched Box]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 100,000 pCi/L
  - [Dark Green Hatched Box]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE THE NEW JERSEY GROUNDWATER QUALITY CRITERION (20,000 pCi/L)
  - PROPERTY BOUNDARY
  - BLOW DOWN PIPING
  - LIQUID "RAD" WASTE LINE
  - SERVICE WATER PIPING
  - CIRCULATING WATER OUTLET PIPING
  - CIRCULATING WATER INLET PIPING
  - STORM SEWER PIPING
  - CATCH BASIN
  - ⊙** MANHOLE (STORM SEWER)
  - SHEET PILE - EXTENDS FROM ABOVE THE WATER TABLE THROUGH THE KIRKWOOD FORMATION
  - SHEET PILE - DOES NOT EXTEND TO AN ELEVATION ABOVE THE WATER TABLE.
  - AFST** AUXILIARY FEEDWATER STORAGE TANK
  - PWST** PRIMARY WATER STORAGE TANK
  - RWST** REFUELING WATER STORAGE TANK

- NOTE:**
1. THE MEAN TIDE LEVEL OF THE DELAWARE RIVER AT ARTIFICIAL ISLAND IS 0.11 FT (NAVD 1988)
  2. 2. CONTOUR INTERVAL FOR WATER LEVELS LESS THAN -1.0 FEET MSL IS LOGARITHMIC.
  3. 3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH DECEMBER 2007.
  4. SYSTEM ONLY PARTIALLY OPERATIONAL
- \* ESTIMATED BASED ON HISTORICAL DATA



Area Manager	R. GAN
Project Director	P. MILIONIS
Task Manager	C. SHARPE
Technical Review	C. SHARPE

6 Terry Drive  
Suite 300  
Newtown, Pa 18940  
Tel: 267/685-1800 Fax: 267/685-1801  
www.arcadis-us.com

**PSEG NUCLEAR, LLC**  
**SALEM GENERATING STATION**  
**WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE**  
**PERMANENT SYSTEM APRIL 2008**  
**HANCOCK'S BRIDGE, NEW JERSEY**

Project Number	NP000571.005
Date	13 APRIL, 2009
Figure	5

D-05