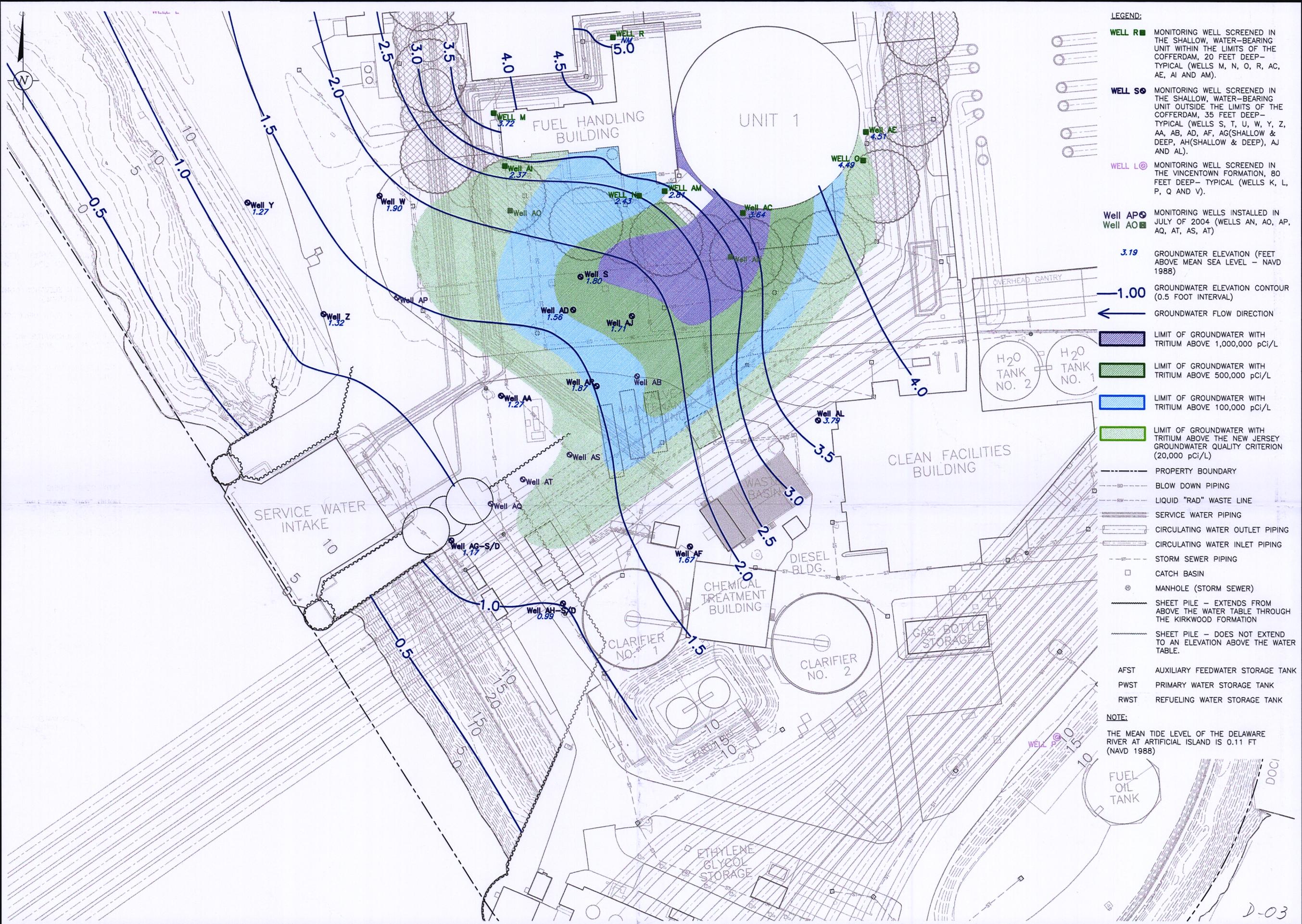
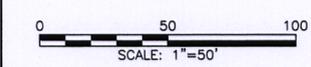


G:\PROJECT\PSE&G\Salem - Tritium\NP000571.0004 - Remedial Actions\CADD\RAPRs\RAPR - 3 - 02 2005\FIG-05 WATER TABLE ELEVATION CONTOURS SYSTEM OFF March 19, 2004.dwg, 3/ 8/2005 2:17pm



- 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).
  - Well AP** ■ MONITORING WELLS INSTALLED IN JULY OF 2004 (WELLS AN, AO, AP, AQ, AT, AS, AT)
  - 3.19** GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL - NAVD 1988)
  - 1.00** GROUNDWATER ELEVATION CONTOUR (0.5 FOOT INTERVAL)
  - ←** GROUNDWATER FLOW DIRECTION
  - [Purple Hatched]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 1,000,000 pCi/L
  - [Green Hatched]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 500,000 pCi/L
  - [Blue Hatched]** LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 100,000 pCi/L
  - [Light Green Hatched]** 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:**  
THE MEAN TIDE LEVEL OF THE DELAWARE RIVER AT ARTIFICIAL ISLAND IS 0.11 FT (NAVD 1988)



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PSEG NUCLEAR, LLC  
SALEM GENERATING STATION  
ARTIFICIAL ISLAND  
HANCOCK'S BRIDGE, NEW JERSEY

DRAWN  
M. WASILEWSKI

DATE  
4/6/04

PROJECT MANAGER  
P. MILONIS

DEPARTMENT MANAGER  
M. BEDARD

LEAD DESIGN PROF.  
S. POTTER

CHECKED  
C. SHARPE

PROJECT NUMBER  
NP000571.0004

DRAWING NUMBER  
5

| NO. | DATE | REVISION DESCRIPTION | BY | CHKD |
|-----|------|----------------------|----|------|
|     |      |                      |    |      |

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