

CITY: New York, Pa. DIVISION: ENV. DB. M. Washawski, L.D. M. Washawski, P.C.J. Balista, P.N. P. Milone, T.M.C. Shupe, L.V. (C) 2009 OFF-REF. LAYOUT: 8 SAVED: 3/2/2010 5:34 PM ACADVER: 17.15 (LMS) TECH: PAGESETUP: - PLOTBYTABLE: ARCADISIZE SUBJECT: PLOTTED: 3/2/2010
 XREFS: IMAGES: PROJECTNAME: AGM-BASE_DATABASE Color: Logo.JPG
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- 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
 - LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 1,000,000 pCi/L
 - LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 500,000 pCi/L
 - LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 100,000 pCi/L
 - 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. CONTOUR INTERVAL FOR WATER LEVELS LESS THAN -1.0 FEET MSL IS LOGARITHMIC.
 3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH DECEMBER 2007.
 4. SYSTEM ONLY PARTIALLY OPERATIONAL
- * ESTIMATED BASED ON HISTORICAL DATA
- 0 50 100
SCALE: 1"=50'

D-06

PSEG NUCLEAR, LLC, SALEM GENERATING STATION, ARTIFICIAL ISLAND, HANCOCK'S BRIDGE, NEW JERSEY
REMEDIAL ACTION PROGRESS REPORT

WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE PERMANENT SYSTEM SEPTEMBER 2009