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).

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 -0.5 FEET MSL IS 5 FT.
3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH JUNE/JULY 2005.

D-04

G:\APROJECT\PSE&G\Salem - Tritium\NP000571.0005 - Continued Reporting and Recovery\CADD\RAPR'S\RAPR 5\FIG-06 WATER TABLE ELEVATION CONTOURS JULY 7_2005.dwg, 27/ 2/2006 4:06pm

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0 50 100
SCALE: 1"=50'

NO.	DATE	REVISION DESCRIPTION	BY CKD

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PSEG NUCLEAR, LLC
SALEM GENERATING STATION

ARTIFICIAL ISLAND
HANCOCK'S BRIDGE, NEW JERSEY

DRAWN M. WASILEWSKI	DATE 1/9/06	PROJECT MANAGER P. MILIONIS	DEPARTMENT MANAGER M. BEDARD
WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE PERMANENT SYSTEM JULY 7, 2005		LEAD DESIGN PROF. S. POTTER	CHECKED C. SHARPE
		PROJECT NUMBER NP000571.0005	DRAWING NUMBER 6