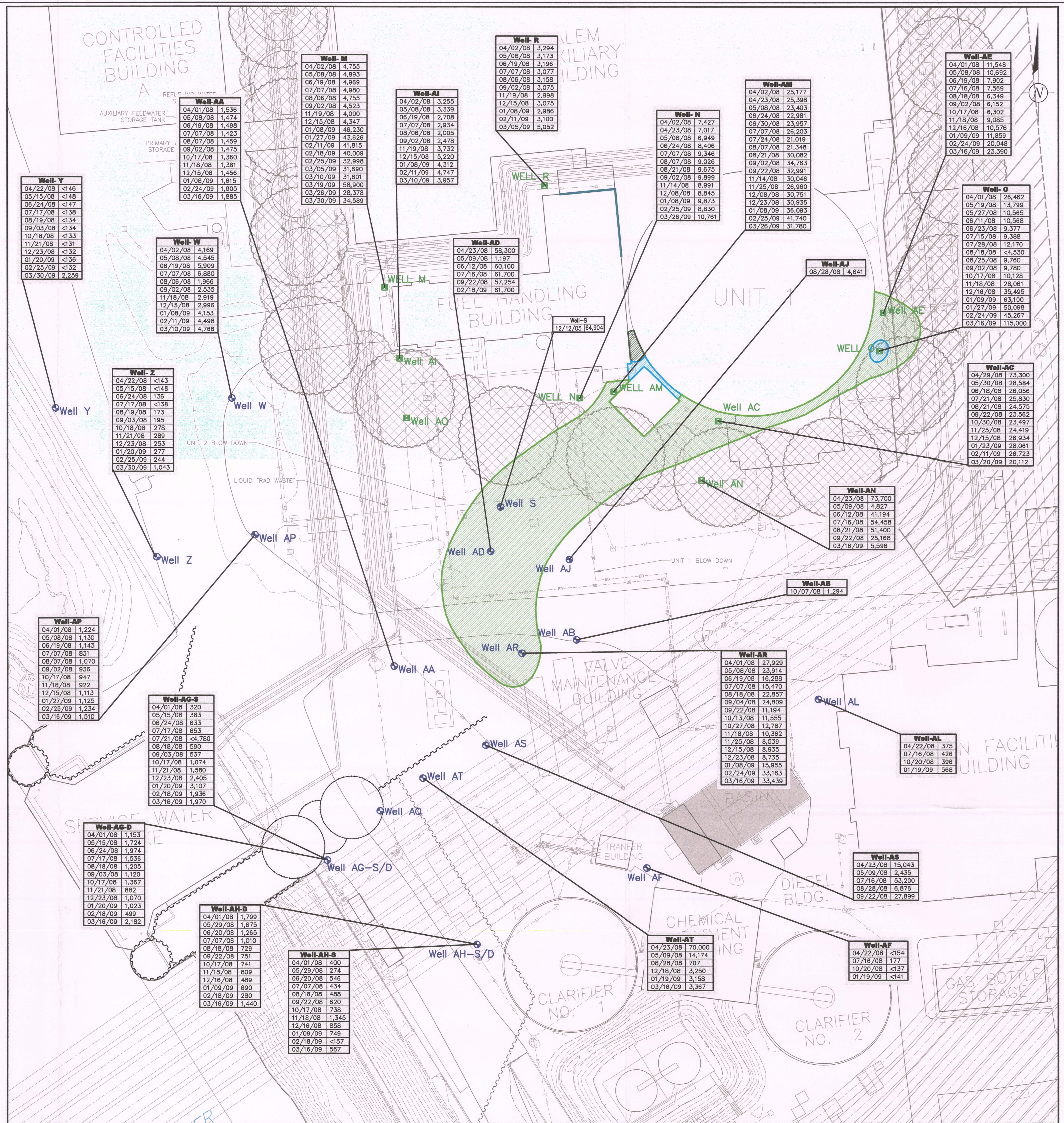




BASELINE TRITIUM PLUME - PRE-GROUNDWATER EXTRACTION - MARCH 2004  
SCALE: 1"=30'



TRITIUM PLUME - MARCH 2008  
FULL SCALE SYSTEM IN SERVICE  
SCALE: 1"=30'



TRITIUM PLUME - MARCH 2009  
GROUNDWATER EXTRACTION SYSTEM IN SERVICE  
SCALE: 1"=30'

LEGEND:

- WELL R ■ MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM.
- WELL S ■ MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM.

- 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)

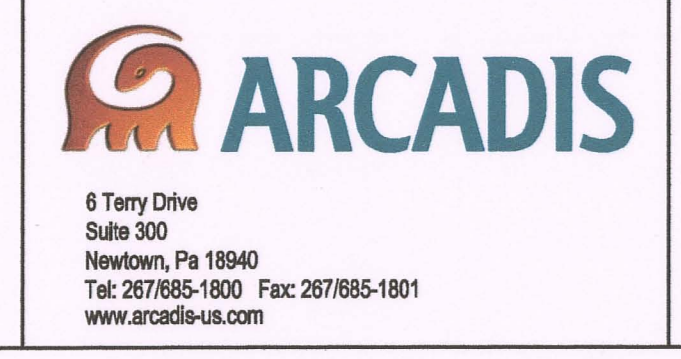
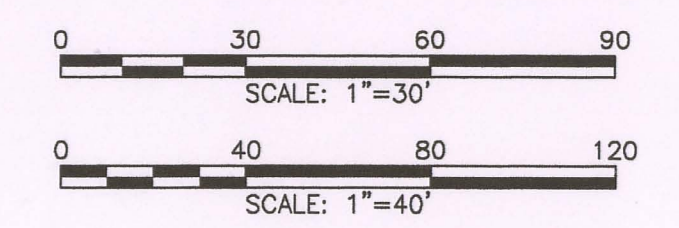
NOTES:

- CONTOURS FOR THE BASELINE TRITIUM PLUME ARE BASED ON DATA GENERATED DURING THE REMEDIAL INVESTIGATION.
- WELL AQ SAMPLING DISCONTINUED AS WELL IS ISOLATED FROM GROUNDWATER FLOW
- WELL S OUT OF SERVICE DUE TO LOW YIELD.

- PROPERTY BOUNDARY
- BLOW DOWN PIPING
- LIQUID "RAD" WASTE LINE
- SEISMIC GAP (STYROFOAM)
- 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.
- LOCATION OF THRUST BLOCK (DASHED WHERE INFERRED)

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User Name: J. Milions  
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Printer: HP DesignJet T7300

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Technical Review  
C. SHARPE



PSEG NUCLEAR, LLC  
SALEM GENERATING STATION  
**GROUNDWATER TRITIUM RESULTS**  
HANCOCK'S BRIDGE, NEW JERSEY

Project Number  
NP000571.0008  
Date  
24 AUGUST, 2009  
Page  
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