LEGEND

- BORING / MONITORING INSTALLATION
- STILLING WELL LOCATION
- TRACER INJECTION POINT
- APPROXIMATE SOIL/BACKFILL DEPTH (FEET)
- CONCRETE BACKFILL
- PIPE INVERT ELEVATION
- MH7 MANHOLE IDENTIFIER
- H3 ACTIVITY
- INVERT ELEVATION
- STORM DRAIN
- STORM DRAIN - CONNECTION TERMINATED
- FOOTING/CURTAIN DRAIN
- APPROXIMATE PRE-CONSTRUCTION TOP OF BEDROCK CONTOURS
- APPROXIMATE EXISTING GROUND SURFACE CONTOURS
- APPROXIMATE PRE-CONSTRUCTION GROUND SURFACE CONTOURS

PROBABLE LEGACY RELEASE LOCATIONS

- TERMINATED CONNECTION TO STORM DRAIN
- FOOTING / STORM DRAIN EXFILTRATION
- INTER STRUCTURE JOINT / MUD MAT
- CONTAINMENT SPRAY SUMP PIPE TRENCH
- UNIT 1 WEST FUEL POOL
- UNIT 2 FUEL POOL

BORING KEY

- 18.9 BORING SURFACE ELEVATION
- CONCRETE (BUILDING INTERIOR INSTALLATIONS)
- SOIL
- AVERAGE WATER LEVEL ELEVATION (JUNE 1, 2007)
- [17.9][ND] BOUNDING H3 ACTIVITY: CURRENT H3 ACTIVITY (pCi/L)
- [ND][ND] BOUNDING Sr-90 ACTIVITY: CURRENT Sr-90 ACTIVITY (pCi/L)
- BEDROCK
- -11.1 BOTTOM OF BORING ELEVATION
- BOUNDING H3 ACTIVITY 400,000 TO 600,000 pCi/L
- BOUNDING Sr-90 ACTIVITY OVER 50 pCi/L
- BOUNDING H3 ACTIVITY 200,000 TO 400,000 pCi/L
- BOUNDING Sr-90 ACTIVITY 15 TO 50 pCi/L
- BOUNDING H3 ACTIVITY 100,000 TO 200,000 pCi/L
- BOUNDING H3 ACTIVITY 20,000 (DRINKING WATER LIMIT) TO 100,000 pCi/L
- BOUNDING H3 ACTIVITY 6 (DRINKING WATER LIMIT) TO 15 pCi/L
- BOUNDING H3 ACTIVITY 5,000 TO 20,000 pCi/L
- BOUNDING Sr-90 ACTIVITY 2 TO 8 pCi/L
- BOUNDING H3 ACTIVITY 5,000 TO 10,000 pCi/L
- BOUNDING H3 ACTIVITY ND TO 5,000 pCi/L
- BOUNDING Sr-90 ACTIVITY ND TO 2 pCi/L
- BOUNDING H3 ACTIVITY ND
- BOUNDING Sr-90 ACTIVITY ND

TRITIUM DATA NOTES:

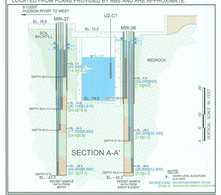
1. H3 activity as high as 601,000 pCi/L, as measured on 11-22-2005 in MW-30 open borehole prior to multi-level well completion.
2. H3 activity as high as 44,400 pCi/L, as measured on 6-27-2006 in MW-32 open borehole prior to multi-level well completion.
3. The upper bound H3 concentration for RW-1 open borehole was obtained during a pump test.
4. H3 activity as high as 337 pCi/L, as measured on 7-19-2006 in MW-52 open borehole prior to multi-level well completion.
5. H3 activity as high as 16,000 pCi/L, measured on 8-25-2007 in MW-55 open bobehole prior to multi-level well completion.

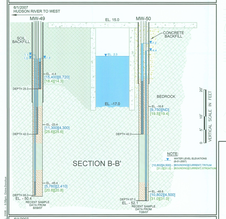
STRONTIUM DATA NOTES:

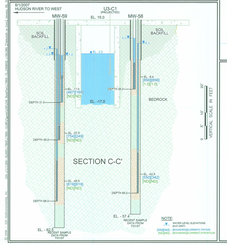
1. Sr-90 activity in MW-32 and MW-33 may be due to desorption of residual Sr-90 from the soil activity in the Transformer Yard.
2. Sr-90 only detected in MW-30 during pumping test of RW-1 on 11-29-2006.
3. A Sr-90 value of 0.9 pCi/L was measured on 5-24-2006 in MW-31 open borehole.
4. The low Sr-90 concentrations measured in MW-39, 41 and 43 are consistent with that expected due to residual levels remaining as the legacy plume has attenuated over time.

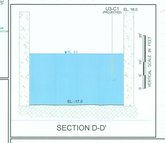
GENERAL NOTES:

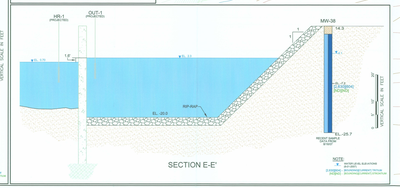
THE BASE MAP WAS DEVELOPED FROM AN UNTITLED ELECTRONIC FILE PROVIDED BY MACK CALVERT & ASSOCIATES, PROFESSIONAL ENGINEERING, P.C., DATED 10/30/06. CAD FILE WAS MODIFIED TO INCLUDE THE DRAIN LINES, MANHOLES AND CATCH BASINS WERE LOCATED FROM PLANS PROVIDED BY ABS AND ARE APPROXIMATE.

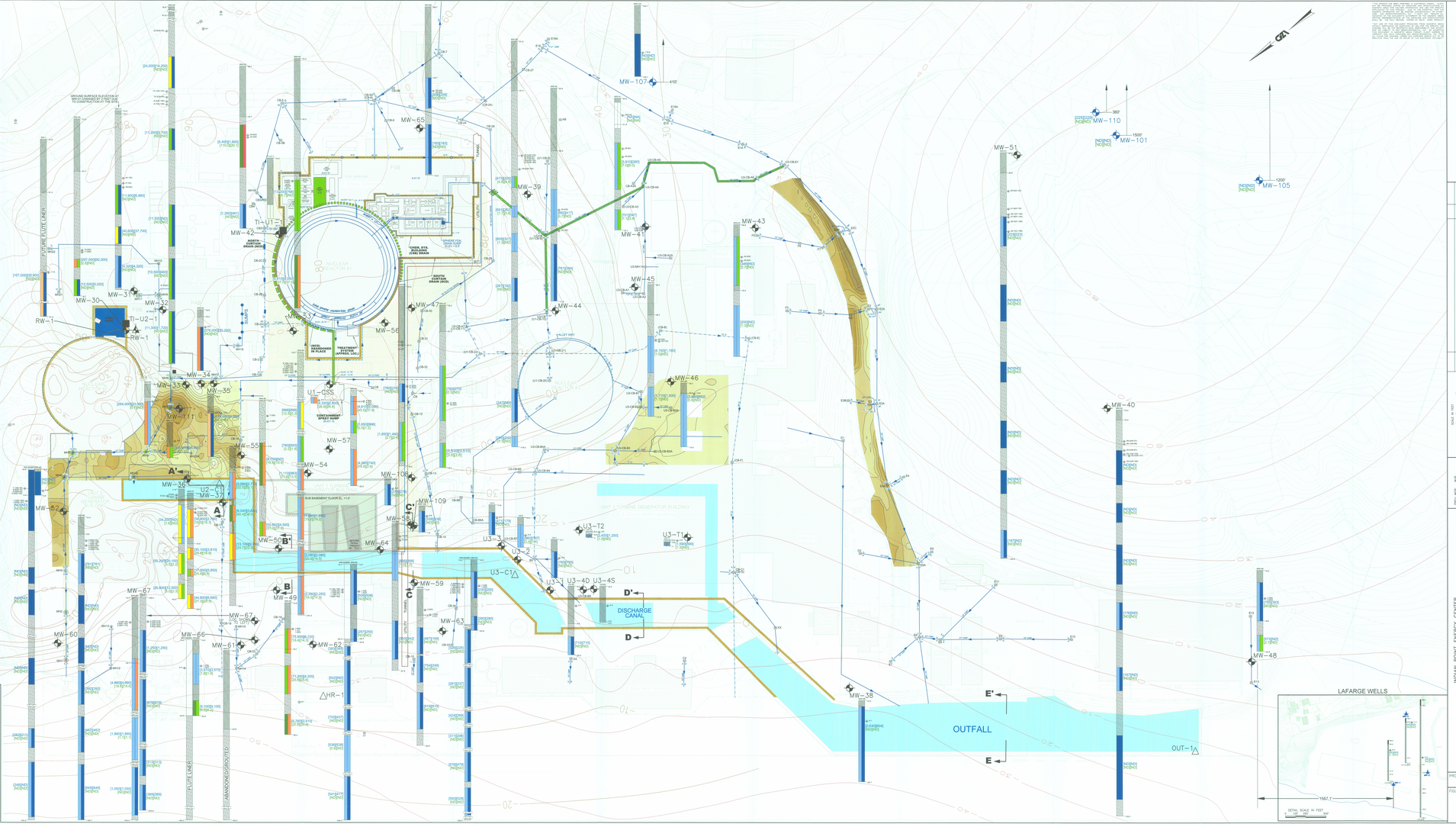












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REV. NO.	DESCRIPTION	BY	DATE

Scale as shown

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PROJ. MGR. NJB
DESIGNED BY NJB
DRAWN BY NJB
APPROVED MAC/NJB/JDO
DATE 01-08-2008

INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

EXPLORATION LOCATION AND DATA SUMMARY PLAN

PROJECT NO. 17869.10

FIGURE NO. 1.3