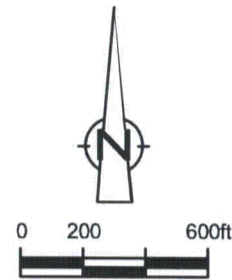
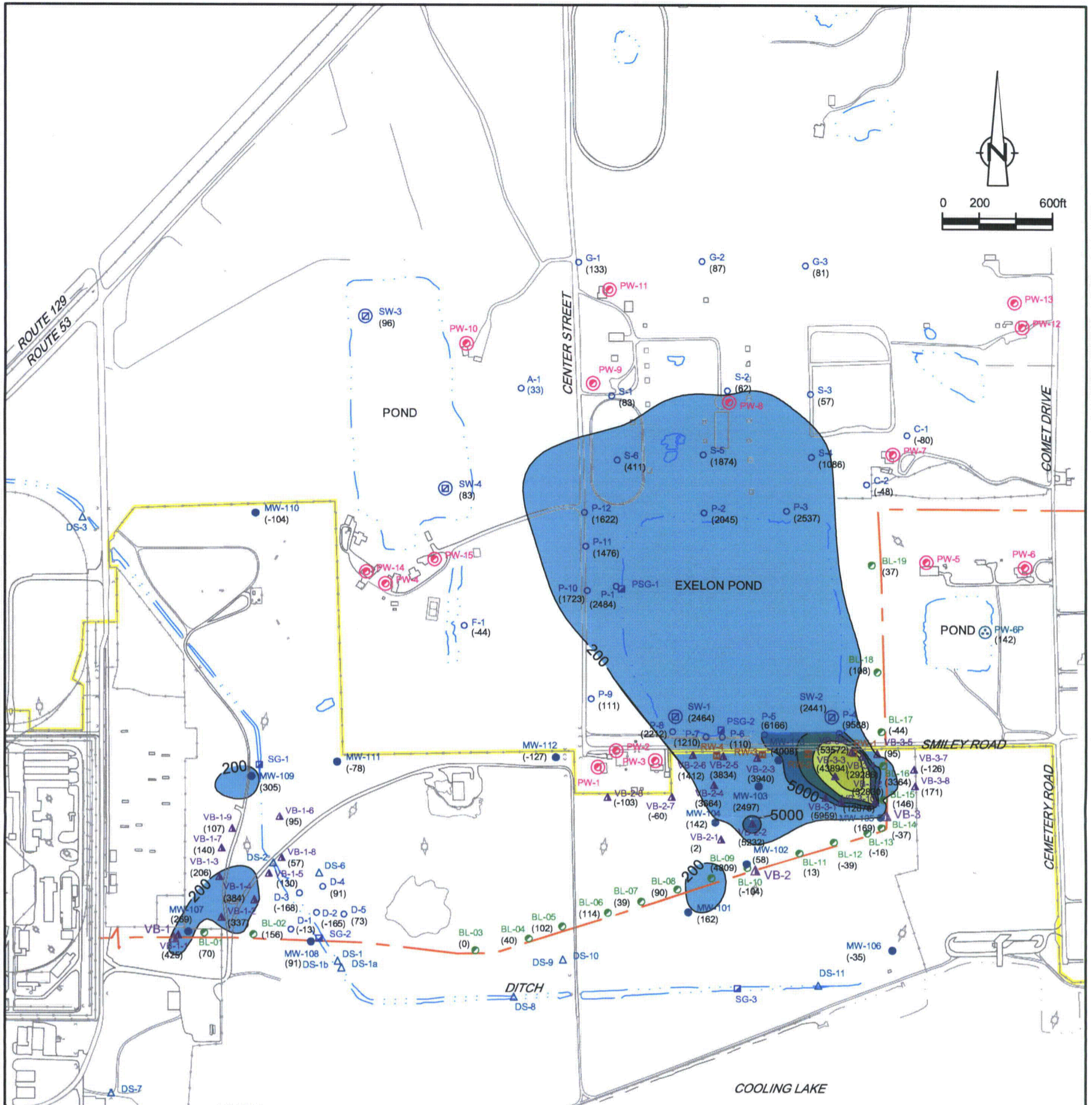


3-2-2006



**LEGEND:**

- EXISTING FENCE LINE
- EXISTING PERIMETER DITCH LIMITS
- BLOW DOWN LINE
- PLANT PROPERTY LINE
- SHALLOW BLOW DOWN LINE SAMPLING LOCATION
- VACUUM BREAKER LOCATION
- VACUUM BREAKER SAMPLING LOCATION
- SHALLOW MONITORING WELL LOCATION
- PRIVATE WELL LOCATION
- SHALLOW TEMPORARY WELL LOCATION
- STAFF GAUGE LOCATION
- DITCH SAMPLING LOCATION
- SURFACE WATER SAMPLING LOCATION
- SHALLOW RECOVERY WELL LOCATION
- POND SAMPLING LOCATION
- TRITIUM RESULT IN GROUNDWATER
- TRITIUM CONTOUR

- TRITIUM RESULTS 200,000 TO 250,000 (PICOCURRIES/LITER)
- TRITIUM RESULTS 100,000 TO 200,000
- TRITIUM RESULTS 60,000 TO 100,000
- TRITIUM RESULTS 40,000 TO 60,000
- TRITIUM RESULTS 20,000 TO 40,000
- TRITIUM RESULTS 10,000 TO 20,000
- TRITIUM RESULTS 5,000 TO 10,000
- TRITIUM RESULTS 200 TO 5,000
- TRITIUM RESULTS 0 TO 200

**NOTE:**  
 BACKGROUND TRITIUM CONCENTRATION: 200 pCi/L  
 DRINKING WATER STANDARD FOR TRITIUM: 20,000 pCi/L  
 TRITIUM DATA FOR SAMPLES COLLECTED THROUGH  
 JANUARY 30, 2006. CONTOURS WERE GENERATED  
 USING LOG VALUES.

**JANUARY 30, 2006**

figure 6.1  
**ESTIMATED TRITIUM RESULTS  
 SHALLOW GROUNDWATER ZONE  
 EXELON GENERATION BRAIDWOOD STATION  
 Braceville, Illinois**



H27