

1/30/06  
*Releasable*



**LEGEND:**

- |         |   |                        |  |
|---------|---|------------------------|--|
| ---     | EXISTING FENCE LINE/APPROXIMATE PROPERTY LINE | [Dark Grey Box]        | TRITIUM RESULTS 200,000 TO 250,000 (PICOCURRIES/LITER) |
| ---     | EXISTING PERIMETER DITCH LIMITS               | [Medium-Dark Grey Box] | TRITIUM RESULTS 100,000 TO 200,000                     |
| ---     | FEEDER DITCH                                  | [Medium Grey Box]      | TRITIUM RESULTS 60,000 TO 100,000                      |
| ---     | BLOW DOWN LINE                                | [Light Grey Box]       | TRITIUM RESULTS 40,000 TO 60,000                       |
| BL-17D  | DEEP BLOW DOWN LINE SAMPLING LOCATION         | [Lighter Grey Box]     | TRITIUM RESULTS 20,000 TO 40,000                       |
| VB-3    | VACUUM BREAKER LOCATION                       | [Lightest Grey Box]    | TRITIUM RESULTS 10,000 TO 20,000                       |
| VB-3-7D | DEEP VACUUM BREAKER SAMPLING LOCATION         | [White Box]            | TRITIUM RESULTS 5,000 TO 10,000                        |
| MW-113D | DEEP MONITORING WELL LOCATION                 | [White Box]            | TRITIUM RESULTS 200 TO 5,000                           |
| PW-5    | PRIVATE WELL LOCATION                         | [White Box]            | TRITIUM RESULTS 0 TO 200                               |
| P-4D    | DEEP TEMPORARY WELL LOCATION                  |                        |  |
| PW-6P   | POND SAMPLING LOCATION                        |                        |  |
| CW-12   | DEEP RECOVERY WELL LOCATION                   |                        |  |
| (2,484) | TRITIUM RESULT IN GROUNDWATER                 |                        |  |
| -200-   | TRITIUM CONTOUR                               |                        |  |

**DRAFT**

**NOTE:**  
 BACKGROUND TRITIUM CONCENTRATION: 200 PCIL  
 DRINKING WATER STANDARD FOR TRITIUM: 20,000 PCIL  
 TRITIUM DATA FOR SAMPLES COLLECTED THROUGH  
 JANUARY 25, 2006. CONTOURS WERE GENERATED  
 USING LOG VALUES.

figure 5  
**ESTIMATED TRITIUM RESULTS  
 DEEP GROUNDWATER ZONE  
 BRAIDWOOD STATION  
 Braceville, Illinois**

*U-63*