

1/30/06
Releaseable



LEGEND:

- EXISTING FENCE LINE/APPROXIMATE PROPERTY LINE
- EXISTING PERIMETER DITCH LIMITS
- - - FEEDER DITCH
- BLOW DOWN LINE
- BL-17D ▣ DEEP BLOW DOWN LINE SAMPLING LOCATION
- VB-3 ▲ VACUUM BREAKER LOCATION
- VB-3-7D ▲ DEEP VACUUM BREAKER SAMPLING LOCATION
- MW-113D ● DEEP MONITORING WELL LOCATION
- PW-5 ● PRIVATE WELL LOCATION
- P-4D ● DEEP TEMPORARY WELL LOCATION
- PW-6P ● POND SAMPLING LOCATION
- CW-12 ● DEEP RECOVERY WELL LOCATION
- (2484) TRITIUM RESULT IN GROUNDWATER
- 200— 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

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