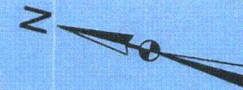


CONNECTICUT RIVER  
FLOW



# LEGEND

- COB WELL (W) VERMONT YANKEE BEDROCK DRINKING WATER WELL OFF-LINE
- GZ-10 (1,696,000) MONITORING WELL INSTALLED JANUARY-MARCH 2010
- GZ-10 231.22 GROUNDWATER ELEVATION IN FEET (FEBRUARY 26, 2010)
- GZ-10 231.22 TRITIUM ACTIVITY (pCi/L) (FEBRUARY 8, 2010)
- GZ-1 GPI MONITORING WELL INSTALLED NOVEMBER 2007
- GZ-1 OTHER VERMONT YANKEE MONITORING WELL
- 225 - INFERRED GROUNDWATER CONTOUR IN FEET (FEBRUARY 26, 2010)
- 225 - INFERRED GROUNDWATER FLOW DIRECTION

## NOTES:

1. GROUNDWATER CONTOURS AND FLOW DIRECTIONS INFERRED FROM GROUNDWATER ELEVATION MEASUREMENTS COLLECTED FROM WIDELY SPACED MONITORING WELLS ON FEBRUARY 26, 2010. ACTUAL CONDITIONS MAY VARY.
2. TRITIUM ACTIVITY LEVELS BASED ON GROUNDWATER SAMPLES COLLECTED BY OTHERS AND ANALYZED BY VERMONT YANKEE BETWEEN FEBRUARY 8, 2010.
3. FLUCTUATIONS IN LOCAL GROUNDWATER ELEVATIONS MAY OCCUR OVER TIME DUE TO RAINFALL, SEASONAL CHANGES IN THE RATE OF EVAPOTRANSPIRATION, RELEASE RATES FROM THE LOCAL DAM, AND OTHER VARIOUS FACTORS.
4. THE LOCATIONS AND REFERENCE ELEVATIONS OF MONITORING WELLS AND DRINKING WATER WELLS WERE SURVEYED BY SOUTHERN VERMONT ENGINEERING OF BRATTLEBORO VERMONT (EXCEPT GZ-20 AND GZ-21, WHICH WERE ESTIMATED PENDING FORMAL SURVEY).
5. BASE PLAN, INCLUDING SITE TOPOGRAPHY, PROVIDED TO GZA IN ELECTRONIC FORMAT BY VERMONT YANKEE.



ENTERGY VERMONT YANKEE  
VERNON, VERMONT

## TRITIUM CONCENTRATION PLAN

PREPARED BY: <b>GZA</b> Geoscientists, Inc. Engineers and Scientists 1 FIRST STREET PORTLAND, VERMONT 04101 (PHONE) 207-475-4100		PROJECT NO: ENTERGY VERMONT YANKEE VERNON, VERMONT	
DESIGNED BY: JRP	DRAWN BY: JRP	CHECKED BY: JRP	FIGURE <b>3</b>
DATE: 04-16-2010	PROJECT NO: 05-0025576-11	REVISION NO.:	

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