

**From:** Steven Orth  
**To:** Thomas Kozak  
**Date:** 12/7/05 11:30AM  
**Subject:** Braidwood EDO Daily Note

APPE (13)

R111

Tom,

Attached is an updated EDO Daily note for today.

Thank you,

Steve

**CC:** Braidwood Communications Team

L-76

**NON-SENSITIVE- NOT FOR PUBLIC DISCLOSURE**  
**EDO Daily Notes for December 7, 2005**

**Region III**

- As of December 4, 2005, Exelon has reported measurable levels of tritium in offsite groundwater monitoring wells that were installed last week at Braidwood . **(UPDATE)**. The licensee, preliminarily identified one residential location directly north of **Fatlan Pond** (near the owner controlled area boundary) to have detectable tritium (1,150 pci/L). Furthermore, the licensee drove new wells (depth of 12 feet) north of the **Fatlan Pond** and preliminarily reported tritium concentrations between (4,200 - 6,200 pci/L). Nearby residential wells (**SOUTHWEST of Fatlan Pond**) have not shown any tritium above normal background. However, the licensee detected elevated levels of tritium (as high as approximately 33,700 picoCuries per liter) in monitoring wells in a vacant development immediately offsite. The licensee continues to monitor and to develop plans for remediation, with Region III inspection oversight. Region III has also sent split samples from some offsite wells to the NRC's contract laboratory for independent analysis and has arranged for independent NRC sampling of some residential wells.

**NON-SENSITIVE- NOT FOR PUBLIC DISCLOSURE**