

**From:** Steven Orth *ROTH*  
**To:** A. Randolph Blough; James Noggle; Marsha Gamberoni  
**Date:** Thu, Dec 8, 2005 9:35 AM  
**Subject:** Fwd: Braidwood Tritium -- Recent Contamination Contours, etc.

Greetings,

The attached information was provided this morning as a general update on the Braidwood contamination. I will include you on future updates.

If you have any questions or further information needs, please feel free to contact me at 630/829-9827 or SKO.

Thank you,

Steven Orth  
Region III

**CC:** Anne Boland

*D-1388*

**From:** Steven Orth  
**To:** Braidwood Communications Team  
**Date:** Thu, Dec 8, 2005 7:37 AM  
**Subject:** Braidwood Tritium -- Recent Contamination Contours, etc.

Greetings,

The licensee provided the attached map this morning, which provides a cumulative diagram of onsite and offsite sample results. However, no residential wells are included.

**Residential Wells** — Region III contacted four of the residents whose wells were sampled by the licensee to offer to provide an independent sample and analysis. Three of the four have accepted the Region III offer, and samples are being obtained (yesterday afternoon and this morning). The person whose well (shallow well < 30') had the positive H-3 result of about 1150 picoCuries per liter declined our offer. From our conversation, he appeared to be very content with the licensee's communications and the split sample that the NRC had been provided.

**Licensee Sampling Plan** -- Licensee has reported to Region III that it will continue well sampling in all directions to ensure that they have identified the extent of the contamination. In addition, they are also installing wells to characterize the vertical component of the aquifer. From this information, they will be developing options for potential remediation.

**Meetings** -- The licensee has scheduled a meeting on Monday, December 12 at the site (7:00 pm Central Time) to discuss the matter with nearby residents. This meeting has not been opened to the general public. The meeting attendees include the licensee, residents who have been contacted by the licensee, and State personnel (Illinois EPA, EMA, Public Health).

**PN** -- Region III issued an update to the PN, which is also attached.

Thank you,

Steven Orth  
US NRC Region III

