

FOR IMMEDIATE RELEASE

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Braidwood releases steam; tests show expected level of tritium

BRACEVILLE, Ill. (April 6, 2006) – A relief valve for a drain tank at Braidwood Generating Station malfunctioned about 1:30 p.m. today, releasing a loud burst of steam that condensed on plant property. The condensed water is being collected and returned to the plant.

In plant operations, a certain amount of tritium is expected in the secondary system, which generates steam to power the turbines. A sample of condensed water was tested, and it was within the expected range of tritium concentration, about 46,000 picocuries of tritium per liter of water. There is no health or safety impact to workers or to the public from this release.

About 500 gallons of condensed water flowed into a ditch that leads off-site. The water flow was contained, the ditch was dammed, and water from the ditch was pumped out and returned to the station. The relatively low concentration of tritiated water was confined to the surface for a short period before it was returned to the plant.

The system that released the steam is not part of the reactor water system. The steam flow was halted by 6 p.m.

Exelon is testing water tonight at various locations on plant property for tritium. Based on the results from those samples, Exelon will determine whether further testing on-site or off-site will be necessary.

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