

# Tritium Facts

- Tritium is a radioactive form of hydrogen.
- It occurs naturally in air and water.
- It can be produced by nuclear weapons testing and nuclear reactor operation.
- Can be found in exit signs, aircraft dials, gauges, luminous paints, and wristwatches.
- Tritium is relatively harmless because it emits very weak radiation and leaves the body relatively quickly.

# Tritium Facts (cont.)

- The EPA drinking water limit is 4 millirem per year.
  - This equals drinking 2 liters per day for 1 year at 20,000 picocuries per liter.
  - In 2008, no measurable tritium found offsite at Oconee according to SC DHEC.
- NRC has implemented a new Groundwater Contamination Task Force (GCTF).
- For more information, please go to the NRC tritium information website:  
<http://www.nrc.gov/reactors/operating/ops-experience/grndwtr-contam-tritium.html>

# Oconee Nuclear Station



Extensive network of ground water monitoring wells  
(64 wells are currently in-place & being monitored)