

**Sheehan, Neil**

**From:** Ronald Nimitz  
**Sent:** Friday, April 17, 2009 2:47 PM  
**To:** John White; Neil Sheehan  
**Subject:** RE: Oyster Creek question

Neil...  
See NRC tritium fact sheet

<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/tritium-radiation-fs.html>

"Tritium is a naturally occurring radioactive form of hydrogen that is produced in the atmosphere when cosmic rays collide with air molecules. As a result, tritium is found in very small or trace amounts in groundwater throughout the world. It is also a byproduct of the production of electricity by nuclear power plants."

[illegible]

-----Original Message-----

From: John White  
Sent: Friday, April 17, 2009 2:41 PM  
To: Neil Sheehan  
Cc: Ronald Nimitz  
Subject: RE: Oyster Creek question

Environmental samples for tritium analyzed by the licensee are typically are less than 200 pCi/l. Tritium is a naturally occurring and is expected to be detectable everywhere.

-----Original Message-----

From: Neil Sheehan  
Sent: Friday, April 17, 2009 11:27 AM  
To: John White  
Subject: Oyster Creek question

John,

A reporter who covers Oyster Creek is asking the following:

Also, what are the natural levels of tritium in the environment around Oyster Creek?

Can you help me answer this?

Neil  
Neil Sheehan  
Public Affairs Officer  
Sent From NRC Blackberry

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