

**White, John**

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**From:** Nimitz, Ronald  
**Sent:** Monday, June 29, 2009 11:13 AM  
**To:** White, John  
**Subject:** OC Canal results

**Importance:** High

**Issue:** Positive tritium, at approximately 16,600 pCi/l, was identified in a plant intake sample collected on June 12, 2009, and analyzed onsite. The bottle sample was split and the split sample (also analyzed onsite) indicated tritium at 16,700 pCi/l. The remaining sample was sent to an independent laboratory which also detected tritium at about 11,000 pCi/l. The sample was collected about 25 ft from the southern edge of the canal.

**Background:** Oyster Creek implemented an Adverse Condition Monitoring Plan following discovery of tritium in its Emergency Service Water (ESW) vault. The plan provided for daily sampling and analysis of the Intake, Discharge and Route 9 Bridge canal areas for tritium. Since discovery of the tritium in the ESF vault (April 15, 2009) all sample results have been less than minimum detectable with the exception of the June 12, 2009. samples since then have not shown any activity.

**Licensee Actions:**

(b)(5)

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions  
FOIA- 2009-0811

1-76