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**Date:** 08/30/2006 3:35:47 PM  
**Subject:** EIS

Donnie Ashley and Dr Masnik,

Your response to help me in preparing comments.

The following questions regards the radiological impacts from OCNCS gasous and liquid releases harmful to people and marine life.

Part 2 -25-1-7

McLaren/Hart 2000 documents cobalt 60 and Cesium 137 releases in several locations, -some of which was excavated,

1. Why some, not all removed? Is it possible/
2. Why wasn't it discovered earlier?(Especially if it was released before 1989)?

Cesium137 has a half life of 35 years and is harmful to the ovaries.  
Cobalt 60, a half life of 5 years.and is harmful to the liver .

3. Will there be a followup study?

4. Was there or will there be an NRC investigation of the Bioaccumulation of Cs 137 and Cobalt in marine life in Barnegat Bay and Oyster Creek as well as our wells?

4. , 4.In this assessment Radionuclides were documented in groundwater and soil sediments.What is considered background levels?

SEIS Part 2, 33, lines 1-12

OCNCS claims to have stopped releasing radionuclides and low level isotopes and radioactive waste discharges during the 80's.

The DEP found no compliance issues or toxicity.

However, McLaren/Hart 2000 documents Cs 137 and Cobalt 60 releases.'

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Edith Gbur, Jersey Shore Nuclear Watch

1 1980s when operational practices at the OCNGS essentially ended controlled releases of liquid  
2 radioactive waste discharges, low levels of radioactive isotopes, to Oyster Creek, and ultimately  
3 to Barnegat Bay. Biocide usage is restricted by the current NJPDES permit for the facility,  
4 which also requires the measurement of TSS, pH, petroleum hydrocarbons, total organic  
5 carbon, and water temperature at various operational locations. During the development of this  
6 SEIS, the NRC staff reviewed NJDEP inspection reports from November 1999 to April 2005;  
7 OCNGS annual environmental monitoring reports to the NRC from 1999 to 2004; and acute  
8 toxicological testing of three permitted NJPDES outfalls (DSN001, DSN002, and DSN004) from  
9 2000 to 2004. NJDEP inspection reports did not identify any compliance issues, and acute  
10 toxicity was not observed in the 96-hr test using mysid shrimp (*Mysidopsis bahia*) to evaluate a