CALIFORNIA ENERGY COMMISSION
REPORT OF CONVERSATION

Energy Facilities Siting Division
Siting Unit

FILE:

PROJECT TITLE: Huntington Beach Energy Project

☐ Telephone	Email	☐ Meeting Location:	
NAME:	Casey Weaver	**DATE:** March 05, 2013	**TIME:** 8:44 am
WITH:	CGS ~ Rick Wilson		
SUBJECT:	Potential Tsunami Run-Up, HBEP		

COMMENTS:

I contacted Rick Wilson at the California Geological Survey and asked him what the current predicted maximum run-up caused by a tsunami would be for the HBEP.

Below is a copy of the information he provided to me in an email dated March 05, 2013:

"Tsunami inundation/flood elevations will vary along the coast based on our modeling in HB. For example, Kevin Miller of CalEMA asked me to look at the site of the Posidon desalinazation plant for Lesley Ewing and this is what I sent to Kevin, who I assume has or will share with Lesley:

Based on modeling a dozen distant and local "worst case" sources, and modeling at MHW (Mean High Water) conditions, the maximum flood elevations from the modeling in the area of the project are about 11 feet above MSL (Mean Sea Level). The two sources that could produce this maximum flood level are a magnitude 7.6 earthquake from the Catalina 7 local scenario and a magnitude 9.2 earthquake from the Alaska-Aleutians 3 scenario. The beach heights in this area are very close to 11 feet MSL also, however tsunami flooding could also come from behind the beach from the northwest or the southeast where flood control levees could be overtopped. Again, worst-case scenario is that tsunami flood elevations could reach 11 feet MSL near the site but it would take quite large events to produce such flooding.

Rick"

cc:	Signed: CW
	Name: Casey Weaver