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**PROJECT MEMORANDUM
SCE SONGS PROJECT**

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: January 27, 2009
Subject: Project Photos

Jensen,

Included in this Memorandum are some recent project photos of the first SONGS Replacement Steam Generator (RSG) transport. As of today, the first RSG has completed the beach portion of the transport and is now preparing for the second half of the route via Interstate 5 and Old Highway 101 into the SONGS facility. A separate report documenting RSG transport will be completed after both RSGs have been delivered to SONGS.

PROJECT PHOTOS



Figure 1: A series of heavy lift transport trailers called a Goldhofer (red multi axle trailer) was driven onto the transport barge to offload each of the RSGs upon arrival to the Del Mar Boat Basin January 10, 2009.





Figure 2: The first RSG was transferred to the crawler for the beach route portion of the transport, from the Del Mar Boat Basin to the Las Pulgas staging area. Because the crawler requires a level driving surface while carrying the RSG load, two graders and one bulldozer worked in front of the crawler to create a level driving surface on the beach. Transport was conducted below the mean high tide line, and any evidence of grading was not evident after the following high tide event. Transport of the first RSG along the beach route was completed between Tuesday January 20th and Saturday the 24th.



Figure 3: On Tuesday January 20th, the crossing of the Santa Margarita River was conducted during low tide and during low river outflow conditions.



Figure 4: A western snowy plover observed above the high tide line during transport.



Figure 5: Unidentified animal tracks along the beach route near Cockleburr Beach.



Figure 6: The end of the beach route, the crawler making its way to the Las Pulgas staging area.



Figure 7: The crawler in position at Las Pulgas to offload the RSG and transfer onto the Goldhofer, which will be used to take the RSG to the SONGS facility.



Figure 8: Transition to the Goldhofer at Las Pulgas staging area for transport along Interstate 5 and Old Highway 101 into the SONGS facility, scheduled to begin Wednesday night, January 28, 2009.