

Thank you for your comment, Paul Malone.

The comment tracking number that has been assigned to your comment is SolarS50149.

Comment Date: July 10, 2008 13:17:25PM  
Solar Energy Development PEIS  
Comment ID: SolarS50149

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Comment Submitted:

[See Attachment.](#)

July 10, 2008

Paul Malone  
36140 Olive St.  
Lucerne Valley, CA  
92356

To whom it may concern,

I am writing in response to a call for comments on solar energy in the Mojave Desert.

I am concerned about two things;

### **1) Lack of water in the High Desert.**

Solar concentrators such as the Kramer Junction solar trough system use extremely high amounts of water to generate electricity from the sun.

The lack of water in the High Desert is something that can be mitigated by using radiators much like you have in your car to reclaim water. I see that this has been incorporated into the design for the 400 MW solar concentrators planned in the Ivanpah Valley near Primm, Nevada. I hope that all solar concentrators approved for use in the High Desert incorporate water reclamation into their design.

### **2) Retinal damage from solar concentrators.**

Solar concentrators such as the one planned near Primm, Nevada utilize a tower where mirrors reflect sunlight onto the tower. I was fortunate to see Solar One in operation near Daggett, California some years ago. One thing that impressed me was how the tower was brighter than the sun. This can cause temporary blindness to those travelling near the unit and may be a concern in causing accidents.

Because the use of the Solar One facility is well documented and so is the California Highway Patrol record of accidents, I suggest a person or persons schooled in GIS (Geographical Information Systems) do a study by obtaining their data and finding if there is a mathematical correlation between accidents and the operation of Solar One.

I also suggest that there should be data available to quantify permanent retinal damage on a passersby as well as workers and residents in the immediate vicinity.

Thank you,

Paul Anthony Malone