AECOM
1420 Kettner Boulevard
Suite 500
San Diego, CA 92101
www.aecom.com

619.233.1454 tel
619.233.0952 fax

Memorandum

To	California Energy Commission	Page	1
CC	Mojave Solar LLC		
Subject	Historical Archaeology Data Request for Mojave Solar Project		

From	Stacey Jordan, Ph.D., Senior Archaeologist
Date	November 23, 2009

Per the California Energy Commission (CEC) data request for additional information about two specific sites, a review of archival research was performed by Stacey Jordan, Ph.D., PQS-qualified Historical Archaeologist, to assess the Hays Farmstead (P-36-006556) and the community of Lockhart (P-36-006558) for the potential of historical archaeological deposits. This included the review of historic maps and the previous study concerning the two sites, *Cultural Resources Survey: Luz Solar Energy Geneating System (SEGS) XI and XII, Harper Lake, San Bernardino County* prepared by R. Paul Hampson and Mark Swanson (1990). Archival information and the results of the previous and current field surveys suggest little potential for historic archaeological deposits associated with these sites. Analysis of available maps and observations from field survey do not indicate the presence of cultural or natural features likely to have been repositories for deposition of refuse, nor are surface scatters visible on the ground surface. Evidence suggests a low potential for historic archaeological deposits associated with these sites.

Materials reviewed included:

- Historic Maps
  - USGS 7.5-minute Lockhart topographic map, 1986
  - USGS 30-minute Searles Lake topographic map, 1915
  - USGS 60-minute Barstow topographic map, 1932
  - Sanborn Fire Insurance Maps, (not available for Lockhart)
  - USGS Relief Map of Part of the Mohave Desert Region, c.1920
  - Mining map, Perris 1896
  - Map of San Bernardino County, Bright 1923
  - Mining map, OMA Mining Co. 1878
  - Map of San Bernardino County, Kremmerer 1925

- Online Archive of California (http://www.oac.cdlib.org/), including:
  - University of California Riverside Collections and Special Collections
  - University of California Berkeley, Bancroft Library Collections

- California Index of the Los Angeles Public Library
- Photo Collection of the Los Angeles Public Library
- Collections of the San Bernadino County Public Library

There are no topographical features such as washes, canyons, or other depressions in proximity to either site which would suggest an area for intentional refuse deposition which would facilitate the creation of archaeological deposits, nor did the archaeological survey identify visible evidence of surface deposits. The sites are located in an area of even playa with some vegetation. The archaeological survey of the Project area conducted by EDAW between May 27 and June 22, 2009, sufficiently examined the sites for surface evidence of potential deposits and areas that might suggest subsurface materials. Further, cultural features such as wells and privies, which often accumulate such material, were not evident.

The Hays Farmstead site (P-36-006556) contains features including a reservoir, an irrigation system, residential and agricultural buildings, and ploughed fields. The original recordation of the site (Hampson and Swanson 1990) found that the site's archaeological data potential was exhausted by the survey results. These results were confirmed during the present study. No wells or privy features have been identified archivally or through field work. Unanticipated discovery of subsurface archaeological resources during construction activies will be addressed with a Discovery Plan for identification and data recovery.

The community of Lockhart site (P-36-006558) contains a residential, commercial, agricultural, and light industrial complex. Neither the results of the original survey (Hampson and Swanson 1990) nor the current study (EDAW AECOM 2009) observed evidence suggesting the presence of subsurface archaeological deposits. In support of this finding, interviews conducted in the previous survey "indicated that most refuse which was not burned was left in informal deposits on unoccupied lands surrounding the community"(Hampson and Swanson 1990, page 42). Unanticipated discovery of subsurface archaeological resources during construction activies will be addressed with a Discovery Plan for identification and data recovery.