

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)  
CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 24:**

If one or more of the buildings in the residential complex at 18401 Shay Road is 45 years of age or older, please provide the following:

- a. describe the character of the proposed transmission line in the vicinity of the complex, including the locations of the towers relative to the complex and the height of the towers; and
- b. provide a map showing the complex and the proposed transmission line towers, based on the site “sketch map” included with the DPR 523 forms for this resource.

**Response:**

The residential buildings in the complex at 18401 Shay Road were built in 1963 (2,834 square foot structure) and 1969 (930 square foot structure), respectively (personal communication, San Bernardino County Tax Assessor, July 5, 2007). Thus, neither building is more than 45 years of age. As the structures are not old enough to be considered “historic”, no further information needs to be provided.

---

**Data Request 25:**

Please provide a new Table 2 which includes the previously known resource, CA-SBR-4269H, and its cultural affiliations and references.

**Response:**

Table 2 from the Cultural Resources Technical Report has been revised to include the requested information about CA-SBR-4269H and is provided as Table DR25-1.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

*Table DR25-1 (AFC Cultural Resources Technical Report, revised Table 2): Previously Recorded Sites  
 Within 1 Mile of Main Plant Site and ¼ Mile of the Remainder of the Project Area*

<i>Site #</i>	<i>Site Type/Constituents</i>	<i>Cultural/Temporal Affiliations</i>	<i>Reference</i>
<i>P-1584-14</i>	<i>Lithic quarry/debitage</i>	<i>Prehistoric/Indeterminate</i>	<i>Bierman 1949a</i>
<i>P-1584-15</i>	<i>Campsite/lithic scatter and rock feature</i>	<i>Prehistoric/Indeterminate</i>	<i>Bierman 1949d</i>
<i>P-1584-16</i>	<i>Lithic quarry/debitage</i>	<i>Prehistoric/Indeterminate</i>	<i>Bierman 1949b</i>
<i>SBR-10306H</i>	<i>Residential/house and reservoir remains</i>	<i>Historic/Late Historic</i>	
<i>SBR-10315H</i>	<i>Linear/Historic power transmission line</i>	<i>Historic/1931</i>	<i>Brock 1989; Neuenschwander and Miller 1988</i>
<i>SBR-10316H</i>	<i>Linear/Historic power transmission line</i>	<i>Historic/1913</i>	<i>Underwood and Rose 2000</i>
<i>SBR-10317H</i>	<i>Linear/Historic power transmission line</i>	<i>Historic/1918</i>	<i>Cunkelman 1993</i>
<i>SBR-10946H</i>	<i>Dump site/can scatter</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003b</i>
<i>SBR-10947H</i>	<i>Dump site/artifacts</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003c</i>
<i>SBR-10948H</i>	<i>Residential and dump site/reservoir, well, and artifacts</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003d</i>
<i>SBR-10949H</i>	<i>Dump site/ artifacts</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003e</i>
<i>SBR-10950H</i>	<i>Dump site/can scatter</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003f</i>
<i>SBR-10951H</i>	<i>Dump site/artifacts</i>	<i>Late historic/1914-1945</i>	<i>Shaker 2003g</i>
<i>SBR-10952</i>	<i>Lithic scatter/sparse scatter of quartzite, chalcedony, and jasper debitage</i>	<i>Prehistoric/indeterminate</i>	<i>Shaker 2003h</i>
<i>SBR-10957</i>	<i>Campsite/lithic scatter and rock feature</i>	<i>Prehistoric/Indeterminate</i>	<i>Shaker 2003a</i>
<i>SBR-10958</i>	<i>Lithic Scatter: 11 Lithic Flakes, 1 Scraper</i>	<i>Prehistoric/indeterminate</i>	<i>Ballester 2003</i>
<i>SBR-11264H</i>	<i>Dump site/domestic trash</i>	<i>Historic/early 20<sup>th</sup> century</i>	<i>Alexandrowicz 2001d</i>
<i>SBR-11266H</i>	<i>Dump site/domestic trash</i>	<i>Historic/early 20<sup>th</sup> century</i>	<i>Alexandrowicz 2001e</i>
<i>SBR-11267H</i>	<i>Linear/Road</i>	<i>Historic/late 19<sup>th</sup>-early 20<sup>th</sup> centuries</i>	<i>Alexandrowicz 2001b</i>
<i>SBR-11269H</i>	<i>Dump site/domestic trash</i>	<i>Historic/early 20<sup>th</sup> century</i>	<i>Alexandrowicz 2001f</i>
<i>SBR-11271H</i>	<i>Dump site/domestic trash</i>	<i>Historic/early 20<sup>th</sup> century</i>	<i>Alexandrowicz 2001g</i>
<i>SBR-11272H</i>	<i>Linear/Road</i>	<i>Historic/pre-1942</i>	<i>Alexandrowicz 2001a</i>
<i>SBR-11273H</i>	<i>Linear/Road</i>	<i>Historic/pre-1942</i>	<i>Alexandrowicz 2001c</i>
<i>SBR-11659H</i>	<i>Dump site/domestic trash</i>	<i>Historic/early 20<sup>th</sup> century</i>	<i>Alexandrowicz 2004b</i>

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

*Table DR25-1 (AFC Cultural Resources Technical Report, revised Table 2): Previously Recorded Sites  
 Within 1 Mile of Main Plant Site and ¼ Mile of the Remainder of the Project Area*

<i>Site #</i>	<i>Site Type/Constituents</i>	<i>Cultural/Temporal Affiliations</i>	<i>Reference</i>
<i>SBR-11660H</i>	<i>Dump site/domestic trash</i>	<i>Historic/late 19<sup>th</sup>-early 20<sup>th</sup> centuries</i>	<i>Alexandrowicz 2004c</i>
<i>SBR-11999H</i>	<i>Dump site/domestic and industrial trash</i>	<i>Historic and Modern/late 20<sup>th</sup> century</i>	<i>Burriss et al. 2004</i>
<i>SBR-2734</i>	<i>Prehistoric campsite/FCR and flakes</i>	<i>Prehistoric/indeterminate</i>	<i>Baldwin 1978d</i>
<i>SBR-2910H</i>	<i>Linear/Historic power line</i>	<i>Not Available</i>	<i>None</i>
<i>SBR-3005</i>	<i>Lithic scatter/thin scatter of flakes on local stone</i>	<i>Prehistoric/indeterminate</i>	<i>Baldwin 1978e</i>
<i>SBR-3006</i>	<i>Prehistoric campsite/hearth features; ceramics, lithics, groundstone, shell beads</i>	<i>Prehistoric/indeterminate</i>	<i>Baldwin 1978d</i>
<i>SBR-3007/H</i>	<i>Campsite/lithic scatter and fire-affected rock; Historic structure/ structural remains and artifact scatter</i>	<i>Prehistoric/Indeterminate; Late historic</i>	<i>Baldwin 1978b</i>
<i>SBR-3008</i>	<i>Lithic scatter/chalcedony and quartz flakes</i>	<i>Prehistoric/Indeterminate</i>	<i>Baldwin 1978a</i>
<i>SBR-3033/H + SBR-4272H + SBR-4411</i>	<i>Linear site/ Prehistoric trail and historic pioneer roads; trail monument (SBR-4272H)</i>	<i>Prehistoric/indeterminate; historic/1849-1880</i>	<i>Becker et al. 1993; Macko 1993; Reynolds 1981</i>
<i>SBR-3618/H</i>	<i>Food processing site/flakes, burned bone, fire-affected rock; residential/farm features</i>	<i>Prehistoric/Indeterminate; Late historic</i>	<i>Baldwin 1978c-</i>
<i>SBR-4251H</i>	<i>Linear/Historic power line</i>	<i>Historic/pre-1941</i>	<i>Reynolds 1980c</i>
<i>SBR-4255H</i>	<i>Linear/Power line</i>	<i>Historic/pre-1941</i>	<i>Reynolds 1980e</i>
<i>SBR-4272H + 4411H</i>	<i>Linear / Historic pioneer roads</i>	<i>Historic/1849-1880</i>	<i>Becker et al. 1993; Macko 1993; Reynolds 1981</i>
<i>SBR-4274H</i>	<i>Linear/Road</i>	<i>Historic/late 19<sup>th</sup> century</i>	<i>Reynolds 1980f</i>
<i>SBR-4275H</i>	<i>Linear/Road</i>	<i>Historic/pre-1878</i>	<i>Reynolds 1980b</i>
<i>SBR-4276H</i>	<i>Linear/Road</i>	<i>Historic/1860s</i>	<i>Reynolds 1980d</i>
<i>SBR-5433</i>	<i>Lithic quarry/debitage</i>	<i>Prehistoric/Indeterminate</i>	<i>Sheets 1990</i>
<i>SBR-6153</i>	<i>Campsite/midden and lithic and ceramic scatter</i>	<i>Prehistoric/Indeterminate</i>	<i>Reynolds 1977</i>
<i>SBR-6353H</i>	<i>Dump site/domestic trash</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Taylor 1989</i>
<i>SBR-69</i>	<i>Midden partly covered with layer of outwash; manos, pestle frag.,debitage.</i>	<i>Prehistoric/indeterminate</i>	<i>Baldwin 1978</i>

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

*Table DR25-1 (AFC Cultural Resources Technical Report, revised Table 2): Previously Recorded Sites  
 Within 1 Mile of Main Plant Site and ¼ Mile of the Remainder of the Project Area*

<i>Site #</i>	<i>Site Type/Constituents</i>	<i>Cultural/Temporal Affiliations</i>	<i>Reference</i>
<i>SBR-7043</i>	<i>Campsite/debitage and groundstone fragments</i>	<i>Prehistoric/Indeterminate</i>	<i>Drover et al. 1991</i>
<i>SBR-7154H</i>	<i>Two concentrations of cans &amp; tins, glass bottles &amp; shards, ceramic shards, pot handle, crown caps, and metal automotive parts.</i>	<i>Historic/Late Historic</i>	<i>Osborne et al. 1992</i>
<i>SBR-7155</i>	<i>Food processing site/ground stone artifacts and fire-affected rock</i>	<i>Prehistoric/Indeterminate</i>	<i>Osborne et al. 1992b</i>
<i>SBR-72</i>	<i>“Footprint site”/prehistoric human and animal tracks in dried Mojave River silt; prehistoric habitation site/hearths [NRHP nominated 1979]</i>	<i>Prehistoric/Pinto or Gypsum period based on radiocarbon dates (860-4190 B.C.)</i>	<i>Bierman 1949c; Burgess 1967McKenna 2000b; Wilke 1979</i>
<i>SBR-7694H</i>	<i>Linear/Power transmission line</i>	<i>Historic/1933-1936</i>	<i>Brock 1995</i>
<i>SBR-7739H</i>	<i>Dump site/SCA glass fragments, hole in top cans</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker and Phillips 1992</i>
<i>SBR-7740H</i>	<i>Dump site/ glass and ceramic fragments, vent hole cans</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker and Phillips 1993a</i>
<i>SBR-7741H</i>	<i>Dump site/ SCA and clear glass fragments</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker and Phillips 1993b</i>
<i>SBR-7742H</i>	<i>Dump site/domestic trash</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker and Phillips 1993c</i>
<i>SBR-7743H</i>	<i>Dump site/ can scatter</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker, Vitorino et al. 1993</i>
<i>SBR-7744H</i>	<i>Dump site/SCA glass, vent hole cans, sanitary cans</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker et al. 1993a</i>
<i>SBR-7745H</i>	<i>Dump site/ glass fragments, vent hole cans</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker et al. 1993b</i>
<i>SBR-7752H</i>	<i>Dump site/can scatter</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker, Giacomini, et al. 1993</i>
<i>SBR-7753H</i>	<i>Dump site/can scatter</i>	<i>Historic/20<sup>th</sup> century</i>	<i>Becker and Vitorino 1993</i>
<i>SBR-8389H</i>	<i>Campsite/Fire-cracked rock and bottle glass</i>	<i>Historic/Indeterminate</i>	<i>Alexandrowicz et al. 1995</i>
<i>SBR-8391</i>	<i>Campsite/debitage and fire-cracked rock</i>	<i>Prehistoric/Indeterminate</i>	<i>Alexandrowicz 1996</i>
<i>SBR-8392H</i>	<i>Linear/Railroad berm and tracks</i>	<i>Late historic/Indeterminate</i>	<i>Alexandrowicz and Krautkramer 1996-</i>

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)  
CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

*Table DR25-1 (AFC Cultural Resources Technical Report, revised Table 2): Previously Recorded Sites  
Within 1 Mile of Main Plant Site and ¼ Mile of the Remainder of the Project Area*

<i>Site #</i>	<i>Site Type/Constituents</i>	<i>Cultural/Temporal Affiliations</i>	<i>Reference</i>
<i>SBR-8393</i>	<i>Campsite/debitage and fire-cracked rock</i>	<i>Prehistoric/Indeterminate</i>	<i>Alexandrowicz et al. 1996</i>
<i>SBR-8831H</i>	<i>Linear/fence line</i>	<i>Late Historic</i>	<i>Shaver 1997a</i>
<i>SBR-8832H</i>	<i>Linear/historic fence line</i>	<i>Late historic/pre-1945</i>	<i>Shaver 1997b</i>
<i>SBR-8833H</i>	<i>Dump site/artifacts</i>	<i>Late historic/pre-1945</i>	<i>Shaver 1997c</i>
<i>SBR-8834H</i>	<i>Dump site/artifacts</i>	<i>Late historic/pre-1945</i>	<i>Shaver 1997d</i>
<i>SBR-8863</i>	<i>Campsite/debitage and fire-cracked rock</i>	<i>Prehistoric/Indeterminate</i>	<i>William Self Associates (WSA) 1997</i>
<i>SBR-4269H</i>	<i>Linear/Road</i>	<i>Historic/1898</i>	<i>Reynolds 1980</i>

**Data Request 26:**

Please determine whether any of the known historic roads in the project area, CA-SBR-4269H, CA-SBR-4274H, and CA-SBR-4275, corresponds to CHL No. 96, CHL No. 577, or CHL No. 963.

**Response:**

The historic roads (CA-SBR-4269H, -CA-SBR-4274H, and CA-SBR-4275H) do not correspond to the Historic Landmarks (CHL No. 96, CHL No. 577, and CHL No. 963), as discussed below.

CA-SBR-4269H – Oro Grande Wash Road.

This road follows the Oro Grande Wash approximately 4 miles west of Hesperia and Interstate 15 (I-15). A records search mapped this road as possibly crossing into the Project area of potential effects (APE) one mile north of its intersection with I-15, but an intensive pedestrian survey of the Project area was unable to locate it.

CA-SBR-4274H – Toll Road – Hesperia Road Bypass.

This road is located approximately 5 miles southwest of Hesperia near the Lugo substation. Although a records search indicated the road was possibly in the Project's APE less than one mile east of the Lugo substation, it could not be located during the intensive pedestrian survey of the area conducted for the VV2 Project.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

CA-SBR-4275H – Known as the Toll Road – Houghton’s Road.

The records search indicated that this existing historic road, originally located between I-15 and Hesperia approximately 5 miles from the center of town, might cross into the VV2 Project APE one-half mile south of the intersection with I-15. However, the intensive pedestrian survey conducted for the Project did not discover any sign of the road.

CHL No. 96 – Mormon Road/Mormon Lumber Road.

This California Historic Landmark is located in the San Bernardino Mountains approximately 27 miles south of Victorville and well outside the VV2 Project area.

CHL No. 577 (CA-SBR-4411H) – Mormon Trail.

This segment of historic road is located approximately one and three-quarter miles southeast of Victorville. At its closest point, the historic road is approximately one-quarter mile outside the Project APE.

CHL No. 963 (CA-SBR-3033H) – Mojave Road/Trail.

This road follows the Mojave River, approximately one-third mile east of the VV2 Project area at its closest point. The Mojave Road Trail extends from the San Bernardino Mountains in the south to an area just east of State Highway 95, and approximately 12 miles southwest of Bullhead at the California-Nevada border.

---

**Data Request 27:**

If there is no connection between the known resources and these CHLs, please discuss whether the historic trails and roads commemorated by CHL No. 96, CHL No. 577, and CHL No. 963 are present in the project area. If so, please plot them on a new confidential Figure 5. (Also see Data Request 47 and the preceding background discussion in which a new Figure 5 is requested).

**Response:**

None of the identified Historic Landmarks (CHL No. 96, CHL No. 577, and CHL No. 963) are present in the VV2 Project area.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 28:**

Please provide a discussion of the relationship of historic roads CA-SBR-4269H, CA-SBR-4274H, and CA-SBR-4275 to known historic explorations, occupations, or settlements in the area.

**Response:**

The relationship of the referenced historic roads to known historic explorations, occupations, or settlements is discussed below.

CA-SBR-4269H – Oro Grande Wash Road.

This road appears on maps surveyed in 1898: the California No. 1 USGS map from 1901 and the Hesperia quad from 1902 (Reynolds, 1980a). This area was heavily traveled for trade by the military and settlers during the period between 1860 and 1885.

CA-SBR-4274H – Toll Road – Hesperia Road Bypass.

This road splits away from Brown's Toll Road at the summit of Baldy Mesa for the purpose of bypassing rougher terrain. The Toll Road was constructed in 1861 and used as one of the primary routes through the region. It is visible on maps surveyed in 1898-9 (Reynolds, 1980b).

CA-SBR-4275H – Toll Road – Houghton's Crossing Road.

This road is connected to the well traveled Brown's Toll Road, near the Mojave River and present-day Victorville. It appears on maps surveyed prior to 1878 (Cotterman, 1996).

**References**

Arbuckle, Jim, 1979. Survey of California Registered Historical Landmarks: Mormon trail Monument CHL No. 577. On file at San Bernardino Archaeological Information Center, San Bernardino County Museum, Redlands, California.

Casebier, Dennis G. and the Friends of the Mojave Road, 1987. Guide to the East Mojave Heritage Trail: Needles to Ivanpah. Tales of the Mojave Road Publishing Company: Norco, California.

Cotterman, Cary D., 1996. Archaeological Site Record Update for Site CA-SBR-4275H. On file at San Bernardino Archaeological Information Center, San Bernardino County Museum, Redlands, California.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)  
CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

Reynolds, Robert E., 1980a. Archaeological Site Record Update for Site CA-SBR-4274H. On file at San Bernardino Archaeological Information Center, San Bernardino County Museum, Redlands, California.

Reynolds, Robert E., 1980b. Archaeological Site Record Update for Site CA-SBR-4269H. On file at San Bernardino Archaeological Information Center, San Bernardino County Museum, Redlands, California.

---

**Data Request 29:**

Please provide the following:

- a. A map showing the locations of all existing structures on the proposed plant site and laydown areas;
- b. A discussion of the existing structures (their function, age, style, integrity, and any association with local persons/history) by an architectural historian who meets the Secretary of the Interior's standards for architectural history;
- c. The resume of the architectural historian; and
- d. Completed copies of DPR 523 "Primary" and "Building, Structure, and Object" detail forms for any existing structures that are 45 years or older, including an assessment of their potential eligibility for the CRHR.

**Response:**

- a.) All existing structures on the plant site and in the laydown areas are now depicted on Figure 5, Map 1 submitted under separate confidential cover.
- b.) Access to the parcels with the structures in question was not obtained until July 17, 2007. On July 18 and 19, 2007, the VV2 Project architectural historian documented and assessed the structures on all but three of the previously unsurveyed parcels. Access to the remaining three parcels has not yet been obtained. Once right of entry is obtained, the structures on those parcels also will be documented and assessed. Upon completion of documentation and assessment of the structures on all parcels, a report will be prepared and submitted to the CEC discussing their function, age, style integrity and potential eligibility for the California Register of Historical Resources.
- c.) The resume of Mr. Morgan Rieder, the Project's architectural historian, is provided as Attachment DR29-1.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

- d.) Completed copies of DPR 523 Primary and Building, Structure, and Object forms will be included in the report prepared to address Data Request 29 (b).
- 

**Data Request 30:**

Please provide color copies (when color was used for the original map) of all available historic USGS topographic maps that cover the entire project area. Copies reduced in size are acceptable, as long as printed information on the maps is legible.

**Response:**

Copies of the three available historic USGS topographic maps covering the Project area are provided as Attachment DR30-1. These maps include a 1934 Barstow, 1902 Hesperia, and 1942 Hesperia quadrangle. The maps provided are in black and white since color maps are not available. While reduced size copies are provided in the document, copies showing more detail can be printed from the electronic files on the CD.

---

**Data Request 31:**

Please provide copies of the 1955 aerial photographs of the entire project area. Please ensure that the mode of reproduction yields copies with sharp details.

**Response:**

The requested aerial photos are provided as Attachment DR31-1. While reduced size copies are provided in the document, copies showing more detail can be printed from the electronic files on the DVD.

---

**Data Request 32:**

Please provide a discussion prepared by an architectural historian, who meets the Secretary of the Interior's standards for architectural history, of the history of the Southern Sierra Power Company's Control-San Bernardino 140-kV line, with an emphasis on the Victor-Aqueduct-Phelan 115-kV portion including the following:

- a. Discussion of the technological and engineering innovations (if any) of the line and any association with persons or developments important in state or local history;

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

- b. A recommendation of the period of significance, an evaluation of the integrity of the resource, and the impact on that integrity of the alterations proposed by the Victorville 2 project; and
- c. A copy of the architectural historian's resume.

**Response:**

- a.) To address this Data Request, WSA contacted the California Historical Resources Information System (CHRIS), San Bernardino Archaeological Information Center of the San Bernardino County Museum (SBAIC) and the Office of Historic Preservation (OHP) in an attempt to locate the 1994 report prepared for the U.S. Army Corps of Engineers (USACE) in which SBR-10316H (the Tower Line – or the Kramer-Victor 115kV line) is recommended as eligible for the National Register of Historic Places (NRHP). In order to recommend the resource as eligible for the NRHP, the authors of this report would have prepared a historic context, which likely would have included the requested history of the Southern Sierra Power Company's Control-San Bernardino 140-kV line and the Victor-Aqueduct-Phelan 115-kV, and obviated the need to compile this information a second time. Unfortunately, neither the SBAIC nor the OHP can locate a copy of the report, nor can either agency determine the report's author. As a result, it is not possible to provide the characteristics or values the recommending party felt were sufficient to warrant a recommendation of eligibility for the NRHP. However, it should be mentioned that previous assessments of this line concluded that it was not eligible for the NRHP.

In order to respond to this Data Request, the Project has requested background information on the Southern Sierra Power Company's Control-San Bernardino 140-kV line and the Victor-Aqueduct-Phelan 115-kV from Southern California Edison Co., but no information has been provided to date. The VV2 Project is continuing its efforts to locate the information needed to respond to this data request and will provide the results when they are available.

- b.) Until information on the Southern Sierra Power Company's Control-San Bernardino 140-kV line and the Victor-Aqueduct-Phelan 115-kV is provided by SCE, WSA's architectural historian cannot make either a recommendation of the period of significance or an evaluation of the integrity of the resource, and the project's impacts on such integrity. However, as discussed in the AFC, the portion of the resource in the Project area has undergone many changes since it was first constructed. The original system configuration has been altered by reconstruction of the substations at Victor and the construction of a new substation at Kramer Junction. The hardware has been updated along the Kramer to

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

Victor section, the lattice steel towers are neither the oldest of this type nor otherwise unique in any way, and many have been replaced with newer wood towers and updated hardware. The original patrol road that was constructed for the line was purchased by the federal government in 1950 and became Highway 395. Portions of the segment of the linear resource within the project area have been reconfigured, and the vicinity of the transmission line has undergone widespread development with the construction of new housing tracts, roadways, etc. Consequently, the portion of the line in the Project area lacks integrity of location, setting, materials, and feeling. It is not unique to the line as a whole, and has minimal potential for addressing those historic themes related to commerce and industry that the remaining intact portions of the line would be better able to address.

- c.) The resume of the architectural historian who eventually will respond to this Data Request was submitted as an attachment to the response to Data Request 29 (c).

---

**Data Request 33:**

If either or both the Lugo Substation and the Victor Substation are 45 years of age or older, please provide the following as prepared by an architectural historian who meets the Secretary of the Interior's standards for architectural history:

- a. Prepare and provide copies of DPR 523 "Primary" and "Building, Structure, and Object" detail forms for the substation(s), including an evaluation of significance;
- b. An assessment of the project's potential impact on the two substations; and
- c. A copy of the architectural historian's resume.

**Response:**

According to records on file at the State Board of Equalization, the Victor substation was first assessed in 1938, and the Lugo substation in 1964. Subsequent anecdotal information indicates the Victor substation was actually built in 1927 (see item "a" below). As the Lugo substation is less than 45 years of age, it need not be considered further.

- a.) The Project's Architectural Historian visited the Victor substation on July 19, 2007 and documented the structure. His report on the structure's potential historic significance is in preparation, as are the associated DPR forms. They will be provided to the CEC when completed. A brief preliminary summary of the assessment follows:

**Victor Substation: Architectural Summary.** The substation contains two buildings, the test office and the transmission office. The latter is a recent (less than 45-year-old)

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

prefabricated steel building. The test office was built (according to technicians working there) in 1927. The building is a rectilinear block; both the walls and the roof appear to be formed of poured concrete. At the top of the walls is a fascia and a distinctive broad cyma recta molding. The windows are industrial-type steel casement sash and the doors are paneled steel. Alterations to the exterior have been minimal. This is a simple and utilitarian, but classically proportioned building that has retained its historic integrity.

- b.) The Project's impact to the Victor substation will be limited to the addition of two 230-kV circuit breakers and associated equipment for interconnection of the line from the VV2 Project, and the addition of 230-kV circuit breakers and associated equipment for the new 230-kV line between Victor and Lugo. These additions to the substation would have minimal impact on the substation's historic integrity.
- c.) The resume of the project's Architectural Historian was submitted in response to Data Request 29(c) and is contained in Attachment DR29-1.

---

**Data Request 34:**

Please provide copies of any written information contributed by Richard Thompson, and copies of any notes or recordings of oral information contributed by Mr. Thompson.

**Response:**

Attachment DR34-1 contains copies of email communications between Mr. Thompson and the VV2 Project cultural resources specialists, as well as an article written by Mr. Thompson on a local historical figure.

---

**Data Request 35:**

Please contact Richard Thompson regarding staff's desire to talk with him, and if he agrees, provide that indication to staff.

**Response:**

Mr. Thompson has been contacted and he has indicated his willingness to talk to CEC staff.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 36:**

Please provide a map depicting and labeling the unsurveyed parts of Area 1 (listed on p. 52 of the confidential cultural resources technical report) and a plan for surveying the parts of Area 1 which could not be surveyed previously due to access problems.

**Response:**

The unsurveyed portions of Area 1 are depicted on the revised Figure 5, Map 1, submitted under separate confidential cover. With the exception of three parcels for which property access cannot be obtained, all previously unsurveyed parcels were surveyed in July 2007 by a Project cultural resources staff archaeologist under the direction of a Principal Investigator meeting federal criteria under 36 CFR 61. A report on the results of those surveys is in preparation and will be provided to the CEC as soon as it is completed.

---

**Data Request 37:**

Please explain why an approximately 0.75-mile-long stretch of transmission line Segment 3, east of Lugo Substation, was not surveyed. Please identify the unlabelled historic linear cultural resource shown on Figure 5 paralleling the proposed transmission line for about half the length of the unsurveyed stretch.

**Response:**

The roughly 0.75 mile stretch of transmission line in Segment 3 east of the Lugo Substation was not surveyed because it was the understanding of the cultural resources specialist that no Project related ground disturbing activities would occur because existing transmission towers would be used. However, this understanding is inconsistent with the AFC (p. 2-42), which states that new towers would be constructed. We have not yet resolved this inconsistency with SCE, who will construct and operate the transmission towers. If new towers are needed, the appropriate cultural resources surveys will be conducted and the results reported to the CEC. If existing towers will be used, then no additional surveys will be needed.

The historic linear feature paralleling the proposed transmission line for about half of this stretch has been labeled on confidential Figure 5 (CA-SBR-4274H).

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)  
CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 38:**

On Segment 2 of the proposed transmission line, at roughly Mile Point 7 on Figure 5, part 2, where the route changes direction, please conduct additional archaeological survey of the area around the angle-turning tower. Please extend the survey to at least a 100-foot radius around the tower and provide the results to staff.

**Response:**

This area was surveyed as part of the Segment 2 survey. An error in GPS data led to a gap being portrayed in Figure 5, Map 2. The area and a 100 foot area around the tower was surveyed with negative results. Confidential Figure 5, Map 2 has been corrected to depict the actual survey corridor.

---

**Data Request 39:**

Please explain why the survey corridor of the proposed transmission line's Segment 1 was expanded just south of the dwelling at 18225 Shay Road.

**Response:**

The survey corridor was expanded south of the dwelling at 18225 Shay Road to accommodate a construction laydown area planned for that location to support construction of VV2 Project transmission line Segment 1.

---

**Data Request 40:**

Please provide copies of the following reports and forms obtained from the SBAIC regional extension of CHRIS and listed in the references for the confidential cultural resources technical report:

- a. (# not provided) Hampson 1989
- b. #1062570 Sheets and Woodman 1990
- c. #1062731 Macko, et al. 1993
- d. #1063020 Sturm, et al. 1993
- e. #1063796 McKenna 1998
- f. #1064192 Alexandrowicz 2004

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

- g. #1064427 CRM Tech 2003
- h. #1064429 CRM Tech 2004

**Response:**

The requested reports and forms are provided under separate confidential cover.

---

**Data Request 41:**

Please provide copies of the following archaeological site records:

- a. CA-SBR-4251H Reynolds 1980
- b. CA-SBR-4255H Reynolds 1980
- c. CA-SBR-4269H (recorder and date not given)
- d. CA-SBR-4272/H4411H/CHL-577 Becker et al. 1993; Macko 1993; Reynolds 1981
- e. CA-SBR-4274H Reynolds 1980
- f. CA-SBR-4275H Reynolds 1980
- g. CA-SBR-4276H Reynolds 1980
- h. CA-SBR-7694H Brock 1995
- i. CA-SBR-8392H Alexandrowicz and Krautkramer 1996
- j. CA-SBR-8832H Shaver 1997
- k. CA-SBR-10315H Neuenschwander and Miller 1988; Brock 1989
- l. CA-SBR-10316H Underwood and Rose 2000
- m. CA-SBR-10317H Cunkelman 1993
- n. CA-SBR-11267H Alexandrowicz 2001
- o. CA-SBR-11272H Alexandrowicz 2001
- p. CA-SBR-11273H Alexandrowicz 2001

**Response:**

The requested site records are provided under separate confidential cover.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 42:**

Please provide a copy of the letter from the SBAIC outlining the data sources reviewed for the records search and the summary of findings of the search for the proposed one-mile-radius project study area.

**Response:**

The requested records search –related materials are provided under separate confidential cover.

---

**Data Request 43:**

Please provide a color copy of the SBAIC map showing the extent of coverage by previous cultural resources investigations within the one-mile-radius project study area and identifying the reports from each of the depicted surveys.

**Response:**

The requested materials from the SBAIC concerning previous cultural resources investigations within the study area are provided under separate confidential cover.

---

**Data Request 44:**

Please provide color copies of any historic maps provided by the SBAIC as part of the record search.

**Response:**

The requested copies of historic maps provided by SBAIC are provided under separate confidential cover.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 45:**

Please submit a new confidential Figure 5 which includes:

- a. the correct locations of resources CA-SBR-7154H and VV2-6 and the correct identification of the two resources currently labeled as CA-SBR-7154H and VV2-6;
- b. the location of the following six resources
  - i. CA-SBR-4275H
  - ii. CA-SBR-7743H
  - iii. CA-SBR-7744H
  - iv. CA-SBR-4251H
  - v. CA-SBR-7753H
  - vi. CA-SBR-4274H
- c. the dividing line between proposed transmission line Segments 1 and 2;
- d. the new tower locations (if known), with number labels, for all proposed transmission line segments;
- e. the new pull site locations (if known), with number labels, for all proposed transmission line segments;
- f. the “jog” area of transmission line Segment 3, labeled;
- g. the labels for:
  - i. an unlabelled linear feature that crosses Segment 3 about 0.5 mile south of the Victor Substation (on part 2);
  - ii. two unlabelled linear features that cross Segment 3 south of Interstate 15 and north of Phelan Road/Main Street (on part 3);
  - iii. an unlabelled linear feature that intersects, parallels, then deviates from Segment 3 about 0.25 mile northeast of the Lugo Substation (on part 4);
- h. correctly labeled laydown Areas 2 and 3; and
- i. response to Data Request No. 28 regarding historic trails and roads<sup>7</sup>

**Response:**

Figure 5 has been revised to include all requested data. The revised Figure 5 is provided under separate confidential cover.

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

**Data Request 46:**

Please provide a plan to avoid project impacts to sites VV2-17, VV2-19, and VV2-23.

**Response:**

The VV2 Project cannot avoid impacts to Sites VV2-17, VV2-19, and VV2-23. An archaeological testing plan for these sites is being submitted to the CEC under confidential cover and upon approval, testing will occur to satisfy Data Requests 47(b), 48(a), 48(b), and 48(c).

---

**Data Request 47:**

If destroying house sites VV2-17 and VV2-19 cannot be avoided, please perform and provide the following:

- a. Using coring or boring (at least five cores or borings spaced to optimally sample each feature), determine if the filled privies at historic-period house sites VV2-17 and VV2-19 contain archaeological deposits;
- b. If deposits are found, please excavate a test unit at each privy that will recover a sample of materials sufficient to support recommendations of significance for these features. Evaluate the potential of the recovered data according to its applicability to the research questions posed in the confidential cultural resources report (pp. 16-18).

**Response:**

As agreed with Beverly Bastian of the CEC in a telephone conversation on July 13, 2007, coring or boring in each feature will not be conducted. Instead of coring/boring first, an archaeological testing plan is being submitted to the CEC under confidential cover for approval, and following CEC approval, testing will be conducted in each feature.

---

**Data Request 48:**

If destroying prehistoric site VV2-23 cannot be avoided, please provide the following:

- a. Submit for staff approval a plan for using test excavations to determine if any subsurface deposits exist at prehistoric site VV2-23;

**VICTORVILLE 2 HYBRID POWER PROJECT (07-AFC-01)**  
**CEC STAFF DATA REQUEST NUMBERS 24-50**

**Technical Area: Cultural Resources**

**Response Date: July 23, 2007**

- b. After staff approves the testing plan, please carry out the test excavations; and
- c. If cultural resource deposits are found, please recover a sample of materials sufficient to support recommendations of significance for this site. Evaluate the potential of the recovered data according to its applicability to the research questions posed in the confidential cultural resources report (pp. 12-16).

**Response:**

a., b., c.) As agreed with Beverly Bastian of the CEC on July 13, 2007, coring and boring in each feature will not be conducted. Archaeological testing will be conducted in each feature following CEC approval of the testing plan submitted under confidential cover in response to Data Requests 46, 47(a) and 48(a). If cultural deposits are found, their significance will be evaluated appropriately.

---

**Data Request 49:**

Please provide to staff a summary report on the testing and findings at these three sites, presenting an analysis of the recovered data and recommendations regarding the significance of the sites.

**Response:**

A summary report will be provided to CEC Staff under confidential cover on the testing and findings at the three cultural sites following implementation of the archaeological testing plan submitted under confidential cover for CEC approval.

---

**Data Request 50:**

Please complete DPR 523 "Archaeological Site" detail forms for these three sites, including dating and significance recommendations, and submit them to staff.

**Response:**

DPR 523 forms will be prepared for the three cultural sites and submitted to CEC staff under confidential cover.