

From: John Kessler
To: Docket Optical System
CC: Beverly Bastian; Caryn Holmes; Dorothy Torres; Michael McGuirt; Misa...
Date: 1/23/2008 3:18 PM
Subject: Fwd: Victorville 2 (07-AFC-1) - Bio & Cultural Update for FSA
Attachments: Cultural COCs for the FSA (1-23-08).doc

Dear Docket Staff;

Please docket this email and attached file together under Victorville 2 (07-AFC-1).

Thank you,

John

John S. Kessler
CEC - Project Manager
Office: 916-654-4679
Cell: 530-306-5920
Fax: 916-654-4421

>>> John Kessler 1/23/2008 3:16 PM >>>
Hi Tom:

As we discussed, we wanted to update you on staff's current thinking and likely recommendations as will be presented in the Victorville 2 FSA for issues in both Bio. and Cultural Resources as follows:

1) Bio - At this time, we agree with CDFG's habitat compensation ratio of 3:1 considering there are two listed species (Desert Tortoise and Mojave Ground Squirrel) and one species of concern (Burrowing Owl) that will be affected.

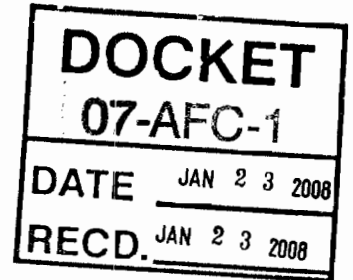
2) Cultural - In the event that you are unable to perform archaeological surveys of the 5 residences on the power plant site prior to a Commission decision, we would plan to recommend changes to the Cultural Conditions of Certification generally as is shown in the attached file. The changes are highlighted in the Track Changes feature of MS Word. Our strong preference would be for you to complete these surveys ASAP.

We hope this information is helpful.

Sincerely,

John

John S. Kessler
CEC - Project Manager
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CULTURAL RESOURCES

Testimony of Michael K. Lerch, Julie A. Minor, and Beverly E. Bastian

SUMMARY OF CONCLUSIONS

Staff has concluded that the Victorville 2 project would have a significant adverse impact on a significant historic standing structure, the Kramer-to-Victor 115-kV transmission line, but staff has recommended adoption of two mitigation measures that would reduce that impact to less than significant.

For archaeological and ethnographic resources, additional archaeological survey must be completed on five parcels on the main plant site. Because additional archaeological resources may be found as a result of this survey, staff can reach final conclusions about impacts to archaeological and ethnographic resources for only the laydown areas, the northern linears area, and the three transmission line segment areas. For these areas, staff has determined that the proposed project would not have a significant impact on known significant archaeological or ethnographic resources. For the main plant site, staff recommends adoption of a mitigation measure requiring a post-certification, pre-construction archaeological survey, testing, and data recovery plan as a means of identifying, assessing, and mitigating, if necessary, the project's potential impacts to not-yet-identified archaeological resources possibly present on the five unsurveyed parcels. For archaeological resources that may be discovered during construction, staff recommends adoption of seven mitigation measures providing for the identification, evaluation, and mitigation of significant discoveries.

Thus, with the adoption and implementation of Conditions of Certification **CUL-1** through **CUL-7**, the Victorville 2 project would not have a significant impact on potentially significant archaeological resources that may be discovered during construction. With the adoption and implementation of Conditions of Certification **CUL-8** and **CUL-9**, the adverse impacts, resulting from the project's construction, on a known significant standing structure would be mitigated to less than significant. With the adoption and implementation of **CUL-10**, the project's impacts on unknown but potentially significant archaeological resources possibly present on the five unsurveyed parcels of the main plant site would be identified, assessed, and, if necessary, mitigated to a level less than significant before the start of construction.

[John, I left the summary of conclusions, above, as the rationale for the conditions, which follow.]

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CONDITIONS OF CERTIFICATION

CJL-1 Prior to the start of ground disturbance,¹ the project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, if alternates are needed. The CRS shall write or supervise the writing of the Cultural Resources Treatment Plan (CRTP) and manage all monitoring, mitigation, curation, and reporting activities required in accordance with the Conditions of Certification (Conditions). The CRS may elect to obtain the services of Cultural Resource Monitors (CRMs) and other technical specialists, if needed, to assist in monitoring, mitigation, and curation activities. The project owner shall ensure that the CRS makes recommendations regarding the eligibility for listing in the California Register of Historical Resources (CRHR) of any cultural resources that are newly discovered or that may be affected in an unanticipated manner. No ground disturbance shall occur prior to CPM approval of the CRS, unless such activities are specifically approved by the CPM. Approval of a CRS may be denied or revoked for non-compliance on this or other projects.

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CULTURAL RESOURCES SPECIALIST

The resumes for the CRS and alternate(s) shall include information demonstrating to the satisfaction of the CPM that their training and backgrounds conform to the U.S. Secretary of Interior's Professional Qualifications Standards, as published in the Code of Federal Regulations, 36 CFR Part 61. In addition, the CRS shall have the following qualifications:

1. the CRS's qualifications shall be appropriate to the needs of the project and shall include a background in anthropology, archaeology, history, architectural history, or a related field;
2. at least three years of archaeological or historic, as appropriate, resource mitigation and field experience in California; and
3. at least one year of experience in a decision-making capacity on cultural resources projects in California and the appropriate training and experience to knowledgably make recommendations regarding the significance of cultural resources.

The resumes of the CRS and alternate CRS shall include the names and telephone numbers of contacts familiar with the work of the CRS/alternate CRS on referenced projects and demonstrate to the satisfaction of the CPM that the CRS/alternate CRS has the appropriate training and experience to implement effectively the Conditions of Certification.

¹ "Ground disturbance" includes "preconstruction site mobilization"; "construction ground disturbance"; and "construction grading, boring and trenching," as defined in the General Conditions for this project.

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CULTURAL RESOURCES MONITORS

CRMs shall have the following qualifications:

1. a BS or BA degree in anthropology, archaeology, historical archaeology or a related field and one year experience monitoring in California; or
2. an AS or AA degree in anthropology, archaeology, historical archaeology or a related field, and four years experience monitoring in California; or
3. enrollment in upper division classes pursuing a degree in the fields of anthropology, archaeology, historical archaeology or a related field, and two years of monitoring experience in California.

CULTURAL RESOURCES TECHNICAL SPECIALISTS

The resume(s) of any additional technical specialists, e.g., historical archaeologist, historian, architectural historian, and/or physical anthropologist, shall be submitted to the CPM for approval.

Verification:

1. At least 180 days prior to the start of ground disturbance, the project owner shall submit the resume for the CRS, and alternate(s) if desired, to the CPM for review and approval.
2. At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS, the project owner shall submit the resume of the proposed new CRS to the CPM for review and approval. At the same time, the project owner shall also provide to the proposed new CRS the AFC and all cultural resources documents, field notes, photographs, and other cultural resources materials generated by the project. If there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may serve in place of a CRS so that construction may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered then construction will remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.
3. At least 90 days prior to ground disturbance, the CRS shall provide a letter naming anticipated CRMs for the project and stating that the identified CRMs meet the minimum qualifications for cultural resource monitoring required by this Condition. If additional CRMs are obtained during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to the qualifications of the CRMs, at least five days prior to the CRMs beginning on-site duties.

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4. At least 10 days prior to beginning tasks, the resume(s) of any additional technical specialists shall be provided to the CPM for review and approval.
5. At least 120 days prior to the start of ground disturbance, the project owner shall confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources Conditions.

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CUL-2 Prior to the start of ground disturbance, if the CRS has not previously worked on the project, the project owner shall provide the CRS with copies of the AFC, data responses, and confidential cultural resources reports for the project. The project owner shall also provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities. Maps shall include the appropriate USGS quadrangles and a map at an appropriate scale (e.g., 1:2000 or 1" = 200') for plotting cultural features or materials. If the CRS requests enlargements or strip maps for linear facility routes, the project owner shall provide copies to the CRS and CPM. The CPM shall review submittals and, in consultation with the CRS, approve those that are appropriate for use in cultural resources planning activities. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.

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If construction of the project would proceed in phases, maps and drawings not previously provided shall be submitted prior to the start of each phase. Written notification identifying the proposed schedule of each project phase shall be provided to the CRS and CPM.

At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed.

The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases.

Verification:

1. At least 135 days prior to the start of ground disturbance, the project owner shall provide the AFC, data responses, and confidential cultural resource documents to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.
2. If there are changes to any project-related footprint, revised maps and drawings shall be provided at least 15 days prior to start of ground disturbance for those changes.
3. If project construction is phased, if not previously provided, the project owner shall submit the subject maps and drawings 15 days prior to each phase.

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4. On a weekly basis during ground disturbance, a current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax.
5. Within five days of identifying changes, the project owner shall provide written notice of any changes to scheduling of construction phase.

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CUL-3 Prior to the start of ground disturbance, the project owner shall submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS, to the CPM for review and approval. The CRMMP shall be provided in the Archaeological Resource Management Report (ARMR) format, and, per ARMR guidelines, the author's name shall appear on the title page of the CRMMP. The CRMMP shall identify general and specific measures to minimize potential impacts to sensitive cultural resources. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. Copies of the CRMMP shall reside with the CRS, alternate CRS, each CRM, and the project owner's on-site construction manager. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM. The CPM-approved CRMMP may be adapted to produce the required CRTP.

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The CRMMP shall include, but not be limited to, the following elements and measures:

1. A proposed general research design that includes a discussion of archaeological research questions and testable hypotheses specifically applicable to the project area, and a discussion of artifact collection, retention/disposal, and curation policies as related to the research questions formulated in the research design. A prescriptive treatment plan may be included in the CRMMP for limited resource types. A refined research design will be prepared for any resource where data recovery is required.
2. The following statement included in the Introduction: "Any discussion, summary, or paraphrasing of the Conditions in this CRMMP is intended as general guidance and as an aid to the user in understanding the Conditions and their implementation. The Conditions, as written in the Commission Decision, shall supersede any summarization, description, or interpretation of the Conditions in the CRMMP. The Cultural Resources Conditions of Certification from the Commission Decision are contained in Appendix A."
3. Specification of the implementation sequence and the estimated time frames needed to accomplish all project-related tasks during the pre-construction survey, ground disturbance, construction, and post-construction analysis phases of the project.
4. Identification of the person(s) expected to perform each of the tasks, their responsibilities, and the reporting relationships between

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project construction management and the mitigation and monitoring team.

5. A description of the manner in which Native American observers or monitors will be included, the procedures to be used to select them, and their role and responsibilities.
6. A description of all impact-avoidance measures (such as flagging or fencing), to prohibit or otherwise restrict access to sensitive resource areas that are to be avoided during construction and/or operation, and identification of areas where these measures are to be implemented. The description shall address how these measures would be implemented prior to the start of construction and how long they would be needed to protect the resources from project-related effects.
7. A statement that all cultural resources encountered shall be recorded on a DPR form 523 and mapped and photographed. In addition, all archaeological materials retained as a result of the archaeological investigations (survey, testing, data recovery) shall be curated in accordance with the California State Historical Resources Commission's *Guidelines for the Curation of Archaeological Collections*, into a retrievable storage collection in a public repository or museum.
8. A statement that the project owner will pay all curation fees and a copy of an agreement with, or other written commitment from, a curation facility to accept artifacts from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.
9. A statement that the CRS has access to equipment and supplies necessary for site mapping, photography, and recovery of any cultural resource materials that are encountered during pre-construction survey and ground disturbance and cannot be treated prescriptively.
10. A description of the contents and format of the Cultural Resource Report (CRR), which shall be prepared according to ARMR guidelines.

Verification:

1. At least 90 days prior to the start of ground disturbance, the project owner shall submit the subject CRMMP to the CPM for review and approval. Ground disturbance may not commence until the CRMMP is approved, unless specifically approved by the CPM.
2. At least 30 days prior to the start of ground disturbance, a letter shall be provided to the CPM indicating that the project owner agrees to pay curation fees for any materials collected as a result of the archaeological investigations (survey, testing, data recovery).

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CUL-4 The project owner shall submit the Cultural Resources Report (CRR) to the CPM for approval. The CRR shall be written by or under the direction of the CRS and shall be provided in the ARMR format. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All pre-construction survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as appendices to the CRR.

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If the project owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.

Verification:

1. Within 90 days after completion of ground disturbance (including landscaping), the project owner shall submit the CRR to the CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.
2. Within 10 days after CPM approval, the project owner shall provide documentation to the CPM confirming that copies of the CRR have been provided to the SHPO, the CHRIS, and the curating institution, if archaeological materials were collected.
3. Within 30 days after requesting a suspension of construction activities, the project owner shall submit a draft CRR to the CPM for review and approval.

CUL-5 Prior to and for the duration of ground disturbance, the project owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site and on the linear facilities. The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance, including landscaping, is completed. The training shall include:

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1. A discussion of applicable laws and penalties under the law;
2. Samples or visuals of artifacts that might be found in the project vicinity;

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3. Instruction that the CRS, alternate CRS, and CRMs have the authority to halt construction in the area of a discovery to an extent sufficient to ensure that the resource is protected from further impacts, as determined by the CRS;
4. Instruction that employees are to halt work on their own in the vicinity of a potential cultural resources discovery and shall contact their supervisor and the CRS or CRM, and that redirection of work would be determined by the construction supervisor and the CRS;
5. An informational brochure that identifies reporting procedures in the event of a discovery;
6. An acknowledgement form signed by each worker indicating that they have received the training; and
7. A sticker that shall be placed on hard hats indicating that environmental training has been completed.

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No ground disturbance shall occur prior to implementation of the WEAP program, unless such activities are specifically approved by the CPM.

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1. At least 30 days prior to the beginning of pre-construction site mobilization, the CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval, and the CPM will provide to the project owner a WEAP Training Acknowledgement form for each WEAP-trained worker to sign.
2. On a monthly basis, until ground disturbance is completed, the project owner shall provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgement forms of workers at the project site and on the linear facilities who have completed the training in the prior month and a running total of all persons who have completed training to date.

CUL-6 The project owner shall ensure that the CRS, alternate CRS, or CRMs monitor full time all ground disturbance, full time at the project site, along the routes of the linear facilities, and at laydown areas or other ancillary areas, to ensure there are no impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner. The project owner shall ensure that archaeological monitors observe with particular care the wastewater pipeline trench excavation in the vicinity of site VV2 Site 23 and the foundation excavations of steel monopoles on Segment 1 in the vicinity of known significant site CA-SBR-72 and along Segment 1 where it runs along the river terrace.

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Full-time archaeological monitoring for this project shall be the archaeological monitoring of all earth-moving activities on the construction site or along the linear facility routes for as long as the activities are ongoing. Full-time archaeological monitoring shall require at least one

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monitor per excavation area where machines are actively moving earth. If an excavation area is too large for one monitor to effectively observe the earth-moving, one or more additional monitors shall be retained to observe the area.

In the event that the CRS believes that the current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.

The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered.

On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of non-compliance with the Conditions and/or applicable LORS. Copies of the daily monitoring logs shall be provided by the CRS to the CPM, if requested by the CPM. From these logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR. If there are no monitoring activities, the summary report shall specify why monitoring has been suspended. The CRS or alternate CRS shall report daily to the CPM on the status of cultural resources-related activities at the construction site, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.

The CRS, at his or her discretion, or at the request of the CPM, may informally discuss cultural resource monitoring and mitigation activities with Energy Commission technical staff (Staff).

Cultural resources monitoring activities are the responsibility of the CRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non-compliance with these Conditions.

Upon becoming aware of any incidents of non-compliance with the Conditions and/or applicable LORS, the CRS and/or the project owner shall notify the CPM by telephone or e-mail within 24 hours. The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the Conditions. When the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures. This report shall be provided in the next MCR for the review of the CPM.

The project owner shall obtain a Native American monitor to monitor ground disturbance in any areas where Native American artifacts are discovered. The project owner shall ensure that a Native American monitor observes the wastewater pipeline trench excavation where the pipeline runs along the Mojave River terrace in the vicinity of VV2 Site 23 and the foundation excavations of steel monopoles on Segment 1 in the vicinity of known significant site CA-SBR-72 and along Segment 1 where it

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runs along the river terrace. Contact lists of concerned Native Americans and guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor shall be given to Native Americans with traditional ties to the area that shall be monitored. If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM. The CPM will either identify potential monitors or will allow ground disturbance to proceed without a Native American monitor.

During and after construction, the project owner shall fulfill the requests received from Native American tribes or groups to be notified if artifacts are found and to receive copies of all archaeological records and reports resulting from the project.

Verification:

1. At least 30 days prior to the start of preconstruction site mobilization, the CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log. While monitoring is ongoing, the project owner shall include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS.
2. Daily, as long as no cultural resources are found, the CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail, or in some other form acceptable to the CPM. If the CRS concludes that daily reporting is no longer necessary, a letter or e-mail providing a detailed justification for the decision to reduce or end daily reporting shall be provided to the CPM for review and approval at least 24 hours prior to reducing or ending daily reporting.
3. At least 24 hours prior to implementing a proposed change in monitoring level, documentation justifying the change shall be submitted to the CPM for review and approval.
4. No later than 30 days following the discovery of any Native American cultural materials, the project owner shall submit to the CPM copies of letters of transmittal of requested information to the Chairperson of those Native American tribes or groups who requested it. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.

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CUL-7 The project owner shall grant authority to halt construction to the CRS, alternate CRS, and the CRMs in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS.

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In the event cultural resources over 50 years of age or, if younger, considered exceptionally significant are found, or impacts to such resources can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. The halting or redirection of construction shall remain in effect until the CRS has visited the discovery, and all of the following have occurred:

1. The CRS has notified the project owner, and the CPM has been notified within 24 hours of the discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning, including a description of the discovery (or changes in character or attributes), the action taken (i.e. work stoppage or redirection), a recommendation of eligibility, and recommendations for mitigation of any cultural resources discoveries, whether or not a determination of significance has been made.
2. The CRS has completed field notes, measurements, and photography for a DPR 523 primary form. The "Description" entry of the DPR 523 form shall include a recommendation on the significance of the find. The project owner shall submit completed forms to the CPM.
3. The CRS, the project owner, and the CPM have conferred, and the CPM has concurred with the recommended eligibility of the discovery and approved the CRS's proposed data recovery, if any, including the curation of the artifacts, or other appropriate mitigation; and any necessary data recovery and mitigation have been completed.

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1. At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt construction activities in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.
2. Completed DPR 523 forms shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate for the subject cultural resource.

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CUL-8 Prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the project owner shall obtain the services of an architectural historian. The project owner shall provide the CPM with the

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name and resume of the architectural historian. No ground disturbance shall occur prior to CPM approval of the architectural historian, unless specifically approved by the CPM.

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The resume for the architectural historian shall include names and telephone numbers of contacts familiar with the architectural historian's work and all information needed to demonstrate that the architectural historian has the following qualifications:

1. meets the Secretary of Interior's Professional Standards for architectural history;
2. has at least three years experience in recording twentieth-century industrial structures;
3. has completed at least one recordation project within the past five years involving coordination with the National Park Service's Heritage Documentation Program (HDP);

Verification:

1. At least 150 days prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the project owner shall submit the name and resume of the selected architectural historian to the CPM for review and approval.
2. At least 120 days prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the project owner shall confirm in writing to the CPM that the approved architectural historian is available for onsite work and provide a date by which the architectural historian will undertake the HAER documentation of the Kramer-to-Victor 115-kV transmission line

CUL-9 Prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the owner shall ensure that the architectural historian prepares HAER documentation of the historic context and historic setting of the resource, and documentation of each kind of original tower that is present. The owner shall ensure that the architectural historian consults with the HDP, in Washington, D. C., and complies with HDP guidance on the extent and content of documentation appropriate for these structures, as contributing elements of a historic district that is potentially eligible for the National Register of Historic Places, and on the format and materials to be used in the documentation. To provide for the contingency that the HDP may require additional information after reviewing the architectural historian's draft documentation, the project owner shall ensure that the architectural historian over-records (for example, "brackets" all photographs; takes duplicate photogrammetric readings; measures everything; makes copies daily of all field notes and logs and retains them in a separate location), in the field, those physical aspects (e.g., measurements, photographs, and photogrammetry) of the structures that

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will not be accessible after the structures have been dismantled. No Segment 3 ground disturbance shall occur prior to the completion by the architectural historian of the over-recording, in the field, of the towers and historic setting and the submission to and approval by the CPM of the draft HAER documentation of the Kramer-to-Victor 115-kV transmission line, unless specifically allowed by the CPM.

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Verification:

1. At least 90 days prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the project owner shall submit to the CPM a letter or memorandum from the architectural historian detailing the scope of the HDP-recommended documentation of the resource.
2. At least 60 days prior to the dismantling of the towers of the Kramer-to-Victor 115-kV transmission line, the project owner shall provide a copy of the draft HAER documentation of the resource to the CPM for review and approval.
3. Within 90 days after completion of ground disturbance (including landscaping) the project owner shall include in an appendix to the CRR copies of the transmittal letters for the submission of copies of the final HAER documentation of the towers of the Kramer-to-Victor 115-kV transmission line to the California State Library and to at least two local libraries in San Bernardino County, and a copy of the letter of acceptance of the final HAER documentation by the Library of Congress.

CUL-10 Prior to site mobilization or construction-related ground disturbance within 100 feet around, and inclusive of, those areas in the project's footprint not previously surveyed for archaeological resources, the project owner shall submit , for CPM approval a Cultural Resources Treatment Plan (CRTP), completed by or under the direction of the CRS. The submitted CRTP shall include the proposed personnel, methods, and research framework for archaeological resources identification and evaluation activities applicable to the unsurveyed portions of the certified project and shall also provide a plan for presence/absence testing for subsurface archaeological deposits, if needed, and a plan for avoidance or data recovery in the event that significant archaeological resources are identified during survey, including a discussion of artifact collection, retention/disposal, and curation policies as related to the research questions formulated in the research framework. The project owner shall ensure that all tasks under the CRTP are undertaken by or under the direction of the CRS, who shall employ persons for these tasks having the minimum qualifications of a CRM.

The project owner shall ensure that the archaeological resources survey and site recording on DPR 523 Primary and detail forms, as specified in the approved CRTP, are completed and shall provide for CPM approval a

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technical report, in Archaeological Research Management Report (ARMR) format, on activities carried out under the CRTP, with any required DPR 523 site forms included in an appendix.

If the CPM, on the basis of the submitted technical report, requires archaeological testing, the project owner shall ensure that the required testing is completed, per CPM-approved CRTP, and shall submit a revised and resubmitted technical report for CPM approval, including the personnel, methods, and findings of the archaeological testing and updated DPR 523 site forms in an appendix.

If avoidance, data recovery, or other mitigation is also required by the CPM, the project owner shall ensure that these requirements are completed, per CPM-approved CRTP, and shall submit, for CPM approval, a final technical report on all activities carried out under the CRTP, including personnel, methods, and findings, with all updated DPR 523 site forms in an appendix.

No ground disturbance shall occur within 100 feet around, and inclusive of, those areas in the project's footprint not previously surveyed for archaeological resources prior to completion of tasks identified in the CRTP or additionally required by the CPM, and prior to CPM approval of the submitted final technical report on all activities carried out under the CRTP, unless specifically approved by the CPM.

Verification:

1. At least 60 days prior to the start of construction-related ground disturbance within 100 feet around, and inclusive of, those areas in the project's footprint not previously surveyed for cultural resources, the project owner shall submit the CRTP for CPM approval.
2. At least 30 days prior to ground disturbance within 100 feet around, and inclusive of, those areas in the project's footprint not previously surveyed for cultural resources, the project owner shall submit for CPM approval a final technical report (in ARMR format) that provides personnel, methods, findings, and completed DPR 523 forms for all cultural resources activities completed pursuant to the CRTP.

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