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Document Title:	Rice Solar Energy Project Monthly Compliance Report #2
Description:	Rice Solar Energy Project Monthly Compliance Report #2 for the Reporting Period September 16-October 15, 2013
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GRENIER & ASSOCIATES, INC.

ENVIRONMENTAL PLANNING • LICENSING & PERMITTING • REGULATORY COMPLIANCE

October 24, 2013 *Compliance Log #2013-012*

Mr. Craig Hoffman
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

Subject: Rice Solar Energy Project (09-AFC-10C)
Condition of Certification COM-7
Monthly Compliance Report #2

Dear Mr. Hoffman:

In compliance with Condition of Certification COM-7 as set forth in the California Energy Commission's Final Decision for the Rice Solar Energy Project, enclosed for your review is the project's Monthly Compliance Report #2 for the period September 16 to October 15, 2013.

If you have any questions regarding this submittal, please contact me at (916) 780-1171.

Sincerely,

Andrea E. Grenier

Andrea Grenier
Compliance Consultant
for the Rice Solar Energy Project

cc: Jeff Benoit, SolarReserve
Vaughan Johnson, SolarReserve

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Rice Solar Energy Project

Docket 09-AFC-10C

September 16 to October 15, 2013

Monthly Compliance Report #2

This document has been prepared by Grenier & Associates, Inc. on behalf of Rice Solar Energy LLC and represents the second monthly compliance report for the Rice Solar Energy Project. The information contained in this report covers site assessment and pre-construction related activities only that were performed during the period September 16, 2013 through October 15, 2013. CH2M HILL, its subcontractor Sundance Biology, and WorleyParsons have contributed the information related to the biological, cultural, and site assessment activities for this report.

RICESOLAR

Rice Solar Energy Project

Docket 09-AFC-10C

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FIGURES (continued)

EXHIBITS

MONTHLY COMPLIANCE REPORT #2

ONE | INTRODUCTION

Background

On December 15, 2010, the California Energy Commission (CEC) issued a license to Rice Solar Energy LLC for the construction and operation of the Rice Solar Energy Project (RSEP or Project). During 2011 and 2012, the RSEP permitting and compliance team worked diligently to prepare and submit approximately 200 pre-construction compliance documents to the CEC Compliance Project Manager (CPM) for review and approval as required by the Conditions of Certification set forth in the RSEP license.

On August 16, 2013, the CPM issued a Limited Notice to Proceed (LNTP) to Rice Solar Energy LLC. This letter provided authorization for the Project Owner to begin specific on-site activities related to desert tortoise fencing installation and clearance surveys as well as cultural resource surveys and feature recordation activities. Only work activities on the private property portion of the site were authorized by the CEC's LNTP. In addition, the Project Owner planned to carry out additional site assessment activities as a follow-on to geotechnical and well testing work previously performed in 2010/2011.

As of October 11, 2013, all activities associated with installation of the desert tortoise fence have been completed and the required desert tortoise clearance surveys had been conducted. Geotechnical testing activities for the power block and solar field area have also concluded. Intermittent testing of the water well will likely continue into November. Full site mobilization and construction activities are expected to begin in the April 2014 but will not proceed without the CPM's issuance of a Full Notice to Proceed.

Overview of Monthly Compliance Report

This second Monthly Compliance Report (MCR #2) has been prepared in compliance with Condition of Certification COM-7 as set forth in the CEC Final Decision for the Project. The report documents the site assessment and pre-construction work activities conducted at the RSEP site during the period September 16 through October 15, 2013.

Section One of this report provides information on the background and status of the Project. Section Two describes the on-site activities that occurred during the reporting period. Section Three discusses the compliance matrix as well as the biological, cultural, and paleontological compliance activities that occurred during the reporting period, any submittal deadlines missed, or approved changes to conditions of certification.

Because the Project Owner has not yet developed an overall project construction, commissioning, and operations schedule, a Project Summary Schedule and Key Events List typically included in an MCR are omitted from this report. This information will be included in future MCRs as it becomes available.

TWO | SITE ASSESSMENT & PRE-CONSTRUCTION ACTIVITIES

This section describes the ongoing site assessment and pre-construction activities that were begun in August following receipt of the LNTP and which continued and/or were concluded during the period September 16 through October 15, 2013:

- Project site access control
- Desert tortoise fence construction and monitoring
- Desert tortoise shade structures
- Desert tortoise clearance surveys
- Desert kit fox burrow complex excavation
- Erosion control measures installation
- Geotechnical investigations
- Water quality testing activities

Project Site Access Control

Throughout the reporting period, all personnel arriving on site were required to follow the established access protocol requiring phone contact upon arrival at the site entrance and direct escort of all moving vehicles entering the RSEP from the site entry point off of State Route 62 to any work areas on site.

Two access gates have now been installed along the northern perimeter of the desert tortoise fence, which coincide with the proposed primary and secondary access locations (see Figure 1 for a photo of one of the access gates).

Figure 1 - RSEP Site Access Gate

Desert Tortoise Fence Construction and Monitoring

Desert tortoise fencing installation activities continued during the reporting period. A total of 32,832 linear feet of desert tortoise fencing has been installed to enclose the heliostat field area on private land.

As the fence was backfilled and the elevation of the surrounding grades was more clearly understood, it became apparent to the biological monitors as a part of their fence monitoring activities, that in some

locations the fence had not been buried to the recommended depth of 12 inches as required by the USFWS desert tortoise fencing guidelines and as set forth on the CBO-approved site drawing/ specification. The biological monitor informed the on-site Designated Biologist who in turn notified Rice Solar Energy immediately. The fence contractor was promptly instructed to modify the fence as needed to meet the recommended specifications (see Figures 2a and 2b).

Figure 2a and 2b- Desert Tortoise Fence Modification

Two methods were tested to understand the most effective and efficient way to alter the fence and meet the approved drawing/ specification. Ultimately, it was determined that adding an additional portion of wire mesh to the bottom of the existing fence was the most effective method. Subsequently, the grader was used to carefully expose the bottom portion of the existing fence, with close scrutiny from the biological monitors. Then a section of new fence approximately 10”-12” in length was attached to the bottom of the existing fence with hog rings, allowing for sufficient overlap. The front of the fence was subsequently backfilled by the grader, and the fence was permanently closed, with biological monitoring occurring the entire time.

As required by Condition of Certification BIO-14, any openings in the fence were continually monitored by a biologist until they were closed and no areas of the fence were left open over night during the construction or modification process. Daily fence inspections were conducted by the biologists to ensure that no animals were either pacing along or trapped by the newly erected fence. None were observed. All fencing activities, including the modification effort, were completed by October 11, 2013.

Desert Tortoise Shade Structures

As reported last month, the biological monitors have installed desert tortoise shade structures consisting of 36” lengths of 12” PVC pipe sections cut longitudinally along the perimeter of the desert tortoise fence. These shade structures have been shown to be of use to animals, especially tortoises, travelling parallel to a newly constructed fence line. Approximately 80 structures have been installed.

Desert Tortoise Clearance Surveys

In accordance with the Biological Opinion for the Rice Solar Energy Project (FWS-ERIV-08B0279-11F0276) and CEC Condition of Certification BIO-14(2), a clearance survey for the desert tortoise was conducted on the RSEP site. Though some modification work (as described above) remained on the tortoise fence around the site perimeter, by the end of the day on September 27, 2013 the exterior of the fence had been backfilled in its entirety, and the fence was therefore sufficient to prevent potential tortoise ingress/egress. The clearance survey began September 28 and was completed October 9, 2013.

A team ranging in size from 18 to 28 CEC-approved biologists surveyed the site using belt transects spaced at 5-meter intervals. The fenced heliostat field was divided into four virtual sections and flagged across the center along the N-S and E-W axes (see Figure 3). Biologists worked in teams of three to five individuals using handheld GPS units following coordinates to remain on transect as they surveyed.

The site was surveyed in its entirety twice. The first coverage was conducted using N-S transects. Each quarter of the heliostat field had two teams working towards each other. This was done to minimize the chances of missing a tortoise as it crossed a team’s path into an already surveyed area. Teams surveyed a few meters past the flagged centerlines to ensure complete coverage.

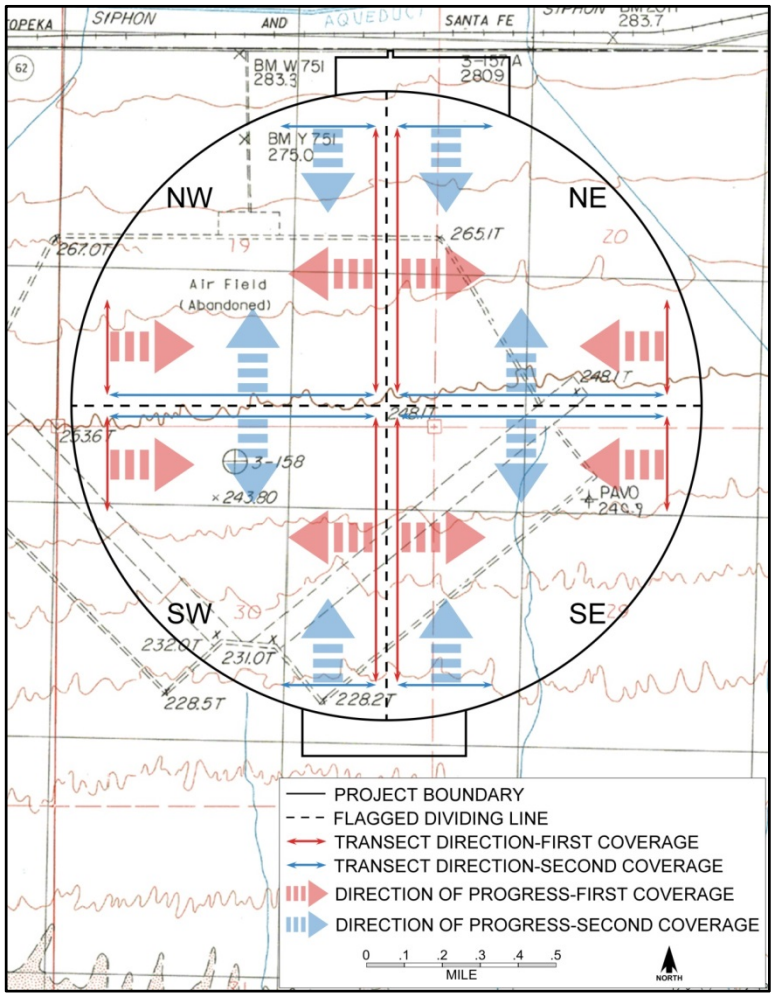

Figure 3 - RSEP Site DT Clearance Survey Methodology

During this coverage all burrows that could potentially house an immature to adult-sized desert tortoise were excavated with the exception of active kit fox complexes, which were excavated at a later date (see further information on kit fox below). Small mammal burrows were visually inspected using a mirror or flashlight to look for juvenile tortoises. Location, size, and condition were recorded for all tortoise burrows, of which there were five (see Table 1 and Figure 4). Two tortoise scats were observed during the survey, neither from the current season. Location and activity were recorded for all kit fox complexes.

Table 1
RSEP Site Desert Tortoise Sign Locations

Type of sign (*burrows, scats, carcass, etc.*)	**Class- Cond.***	**GPS location**	
		Easting	**Northing**
Burrow	3	703063	3771757
Burrow	4	703694	3771531
Burrow	2	703547	3771576
Burrow	4	701097	3771907
Burrow	4	701096	3771656
Scat	NTY	702940	3772292
Scat	NTY	703366	3771372

***Condition-Class for desert tortoise burrows**	**Condition-Class for desert tortoise scat**	**Condition-Class for desert tortoise carcasses**
1=currently active, with desert tortoise or recent sign	TY-laid down this year NTY-laid down prior to this year UNK-Unknown	< 1 yr TSD=less than 1 year since time of death
2=good condition, definitely tortoise, no evidence of recent use, no modification necessary		1-2yrs TSD=1-2 years since time of death
3=fair condition, definitely tortoise, needs cleaning out, perhaps has vegetation debris or dirt clods		2-4 yrs TSD=2-4 years since time of death
4=poor condition, definitely tortoise, partially collapsed, needs major modification		>4 yrs TSD=greater than 4 years since time of death

The second coverage of the site was conducted using the same methods as the first coverage but in an E-W direction. No live desert tortoises or recent tortoise shell skeletal remains were observed during the clearance surveys. The juvenile tortoise found along the fence line on September 11, 2013 (see updated provided in Section Three of this report under BIO-9) is evidence that reproduction has recently occurred on/or adjacent to the site, and the possibility exists that other juvenile tortoises are in the same area. In the area where the juvenile tortoise was located, all small mammal burrows were excavated to their terminus in order to search for clutch mates. Though the RSEP site was surveyed twice at 5 meter intervals with no tortoises observed, the possibility remains that a tortoise could be found on site during construction in Spring 2014, and all project personnel should remain vigilant throughout construction.

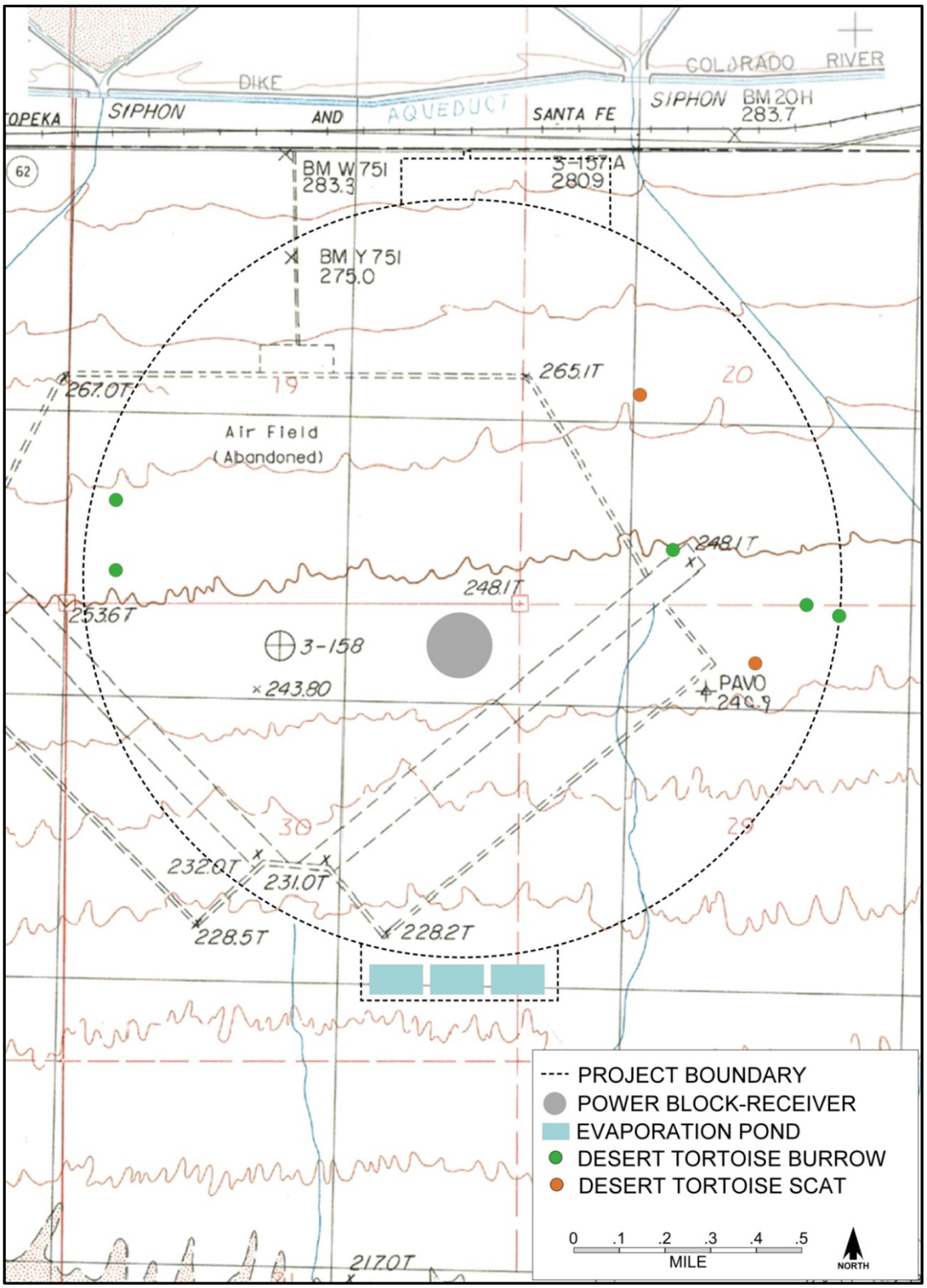

Figure 4 - RSEP Site DT Sign Locations

Desert Kit Fox Burrow Complex Excavation

Desert kit fox were found on the RSEP site. In addition to three sightings of live kit foxes (which may have been three sightings of the same animal), 21 kit fox burrow complexes were located within the desert tortoise exclusion fence area (see Table 2 and Figure 5). All complexes with no recent evidence of use were excavated during the first coverage of the desert tortoise clearance survey.

Table 2
RSEP Site Kit Fox Sign Locations

Type of Sign or species	Condition Class	Description and comments	Easting	Northing
kit fox burrow	Inactive	Whitewash, Owl pellets, Kit fox scat	702220	3771424
kit fox burrow	Inactive		702076	3771206
kit fox burrow	Inactive		702643	3771114
kit fox burrow	Inactive	Tracks, Whitewash, Mammal scat	702293	3771139
kit fox burrow	Inactive	Mammal scat	702340	3770262
kit fox burrow	Inactive		702368	3770399
kit fox burrow	Active	Kit fox scat	703285	3771736
kit fox burrow	Inactive	Mammal scat	702126	3770633
kit fox burrow	Inactive	Mammal scat	702082	3770563
kit fox burrow	Active	Live kit fox	702054	3770587
kit fox burrow	Active	Mammal scat, Tracks	701940	3772051
kit fox burrow	Inactive	Mammal scat	702586	3770247
kit fox burrow	Inactive	Tracks	701307	3771901
kit fox burrow	Active	Live kit fox	701331	3771761
kit fox burrow	Inactive	Whitewash	702652	3770810
kit fox burrow	Inactive		701731	3771338
kit fox burrow	Inactive	Mammal scat	701545	3771504
kit fox burrow	Inactive		702611	3772476
kit fox burrow	Inactive	Mammal scat	702931	3770525
kit fox burrow	Inactive	Whitewash, Owl pellets	702768	3770939
kit fox burrow	Inactive		701308	3772105
kit fox burrow	Inactive	Whitewash, Owl pellets, Kit fox scat	702220	3771424
kit fox burrow	Inactive		702076	3771206

As per the requirements of Condition of Certification BIO-20, the CPM and CDFW were notified via e-mail on October 1, 2013 regarding the active fox complexes. A subsequent conference call was held on October 3 between the Project Owner, the DB, and the agencies wherein CDFW recommended that one-way doors be used to passively encourage foxes off the site or out of the area of the complex.

Five one-way doors were built on site by project biologists (see Figure 6). It was necessary to use these one-way doors at three burrow complexes. The first complex necessitated the use of all five doors as it had five entrances (see Figure 7) and the remaining two complexes required two and three doors, respectively. The doors were propped open using a small stick, and the soil around the complex was dusted with the surrounding silty soil in order to inspect for tracks the following morning. If any of the doors had been knocked closed and tracks were present, it was surmised that the fox had exited and

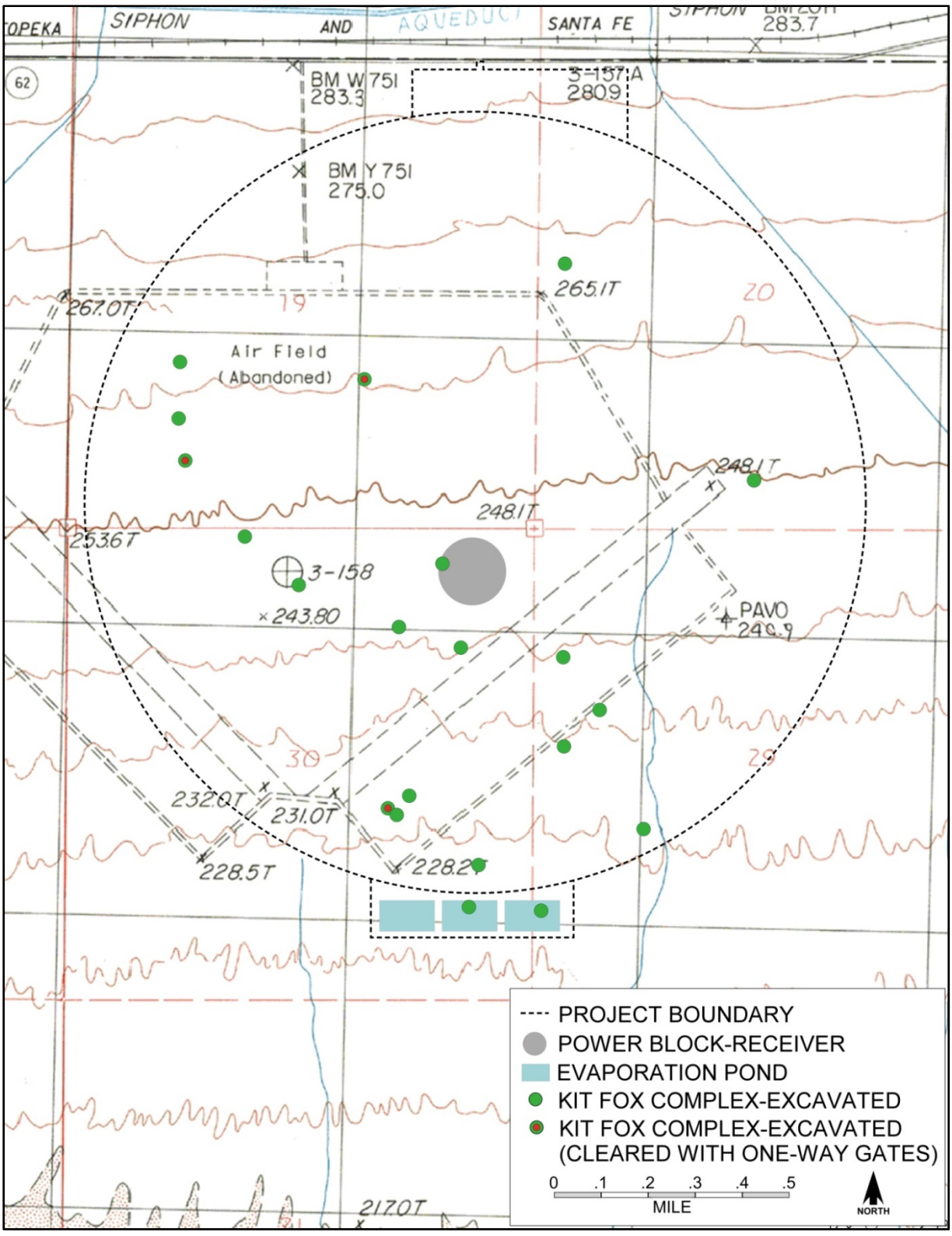

Figure 5 – RSEP Site Desert Kit Fox Burrow Complex Locations

Figure 6 – One Way Door

Figure 7 - View of One Way Doors at Kit Fox Complex

that the complex could then be excavated. Alternatively, if the doors remained opened and no sign was observed for three consecutive nights, it was surmised that the complex was empty, and it was subsequently excavated. One of the doors was tripped closed on the complex with five entrances and tracks were observed on the complex mound the following morning. The other two complexes had the doors installed for three nights, and no sign was observed. These were also excavated. This methodology proved successful, and the excavations were conducted without incident. A status update was provided via email to the CEC and CPM regarding these activities on October 7, 2013.

Erosion Control Measures Installation

Erosion control measures best management practices (BMPs) were installed across the eastern wash which intersects the perimeter fence line on the northeastern side of the site. A total of 75 straw bales (288 linear feet) were placed side by side, with a small gap between them in order to convey stormwater flows but reduce water velocity and collect transported debris before it comes into contact with the fence. The bales were placed 8 feet upstream of the fence and anchored into the ground with steel rebar (see Figure 8). No vegetation was effected during this BMP implementation because the area was previously disturbed during the v-ditch excavation and desert tortoise fencing backfill activities (both of which were extensively monitored).

Figure 8 - RSEP Site Erosion Control BMPs

Geotechnical Investigations

Geotechnical work on site continued during the reporting period. Two drill crews conducted 20 additional borings and were accompanied by two biological monitors (as well as a cultural monitor if soils were being extracted) during their work activities. Additionally, from September 30 to October 9, 2013, a new crew of drillers conducted a series of five drill tests at designated locations using a mud-boring technique to determine pressure capacities of the soil to 30 feet at four sites and 100 feet at one site (the proposed receiver tower location). This operation utilized bentonite clay slurry, approximately 100 gallons per hole, which was subsequently broadcast on to the ground after drilling. The disposal area was carefully inspected and ultimately approved by the Designated Biologist to ensure that the area was free of animal burrows and significant washes, so that the moisture in the slurry material could evaporate in a harmless manner. Each location also produced a mound of mud and soil from the borehole itself, which was up to one-foot in depth. These areas were approximately 3 by 3 feet wide at each of the 30-foot deep drill sites and approximately 6 by 6 feet wide at the 100-foot deep drill site. . These spoils piles were monitored and inspected by a cultural resource monitor, as well as placed in a location determined by the biological monitors to be minimally impactful. Geotechnical soil testing and engineering activities on site were concluded on October 9, 2013.

Water Quality Testing Activities

During the reporting period, weekly groundwater sampling activities continued at Rice Well 2, and as of October 14, 2013, five weekly sampling events have been completed. The fifth week sampling event will include this last potable water requirement. A biological monitor was present at all times during testing activity as tortoise clearance surveys were in progress. During this testing activity, approximately 20,000

gallons of water were discharged into a shallow drainage that had previously been used for this purpose. No new scouring or noticeable sediment transport occurred, and the water dissipated rapidly in the sandy substrate. Moisture reached a maximum of approximately 1500 feet from the well site. This discharge was monitored closely to ascertain that no pooling occurred and that there were no sensitive resources in the path of the water.

THREE | COMPLIANCE ACTIVITIES

This section of the monthly compliance report provides input on Rice Solar Energy's activities related to ensuring that compliance with all the Conditions of Certification as set forth in the CEC's Final Decision for the Rice Solar Energy Project is achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in Condition of Certification COM-7.

Compliance Matrix

COM-4 requires preparation of a compliance matrix addressing only those conditions that must be fulfilled before the start of construction that must be submitted as part of the MCR. The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency. A copy of the current matrix is provided in Exhibit A.

Completed Compliance Activities

The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in this MCR. The following paragraphs describe the compliance activities that were completed during the reporting period:

BIO-1: Several Designated Biologists have been approved for the Rice Solar Energy Project. During the reporting period, Mercy Vaughn and Nate Jones were on-site to manage all biological monitoring activities associated with the desert tortoise fencing, geotech investigations, and well testing work. Information in this report regarding biological monitoring activities has been provided by Ms. Vaughn and Mr. Jones.

BIO-2 & BIO-4: These conditions require that the Designated Biologist provide copies of all written reports and summaries, included those prepared by biological monitors that document biological resources compliance activities in the Monthly Compliance Reports submitted to the CPM. Information in this report regarding biological monitoring activities has been provided by Ms. Vaughn and Mr. Jones.

BIO-5: In compliance with this condition, the Project Owner continued to keep the CPM and USFWS notified of the circumstances and actions taken regarding the Designated Biologist's documentation of an observed juvenile desert tortoise located on the Project site during desert tortoise fencing activities.

BIO-6: In accordance with this condition, 17 personnel received the Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 125. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit B.

BIO-7: This condition requires that implementation of BRMIMP measures be reported in the Monthly Compliance Reports by the Designated Biologists. Information in this report regarding biological monitoring activities and species observed has been provided by Ms. Vaughn and Mr. Jones.

BIO-8: Biological monitoring of the desert tortoise fencing construction, geotech investigations and water well pumping activities was conducted as required by this condition. Details of the monitoring activities are provided in the Section Two of this report.

BIO-9: Biologists continued monitoring the juvenile tortoise during the period during the reporting period. This tortoise had been discovered walking the perimeter fence line before fence construction had been completed, and had previously exited the site under an unfinished portion of the fence on September 11, 2013 (see details previously reported in RSEP Monthly Compliance Report #1). The tortoise was monitored continuously during daylight hours to allow biologists to remain aware of its location in relation to ongoing fence construction activities occurring nearby and to ascertain that its health and behavior did not change substantially subsequent to its transit off site. The tortoise was observed foraging on dried forbs during morning and evening times, and consistently took shelter during the hottest hours of each day, generally 0900-1700 hours. Shelter sites included deep shade at the base of perennial shrubs (*Ambrosia dumosa* and *Larrea tridentata*), and also in rodent holes.

On the evening of September 17, the tortoise crawled into a rodent hole, modified it with some digging activity, and spent the night there. The tortoise then used a series of rodent holes for nightly shelter on all subsequent nights (see Figure 9). On September 23, fence construction activities were completed in the vicinity of the tortoise. Monitoring efforts ceased at 1100 hours on September 25 at which time the tortoise was sheltering deep in a rodent burrow. During this monitoring period, the tortoise ranged from 5-70 meters from the project fence.

Figure 9 - Juvenile Desert Tortoise Outside RSEP Site Entering a Rodent Hole

BIO-14: Biological monitors continued to monitor the alignment of the desert tortoise fence during the reporting period. These checks were conducted at the greater frequency of three to five times per day when high ambient temperatures warranted. As described in Section Two of this MCR, a clearance survey for the desert tortoise was begun on the RSEP on September 28, 2013 and was completed on October 9, 2013.

BIO-19: As required by this condition, burrowing owl surveys were conducted in conjunction with the desert tortoise clearance surveys. Seven animal burrows were observed with burrowing owl sign (whitewash or pellets) found on the mound (see Figure 10 and Table 3). None of the burrows appeared currently active. All burrows were excavated. Although focused surveys for burrowing owls were not conducted, no live owls were seen during the desert tortoise clearance surveys or during construction activities on the site from August 26 through October 10, 2013.

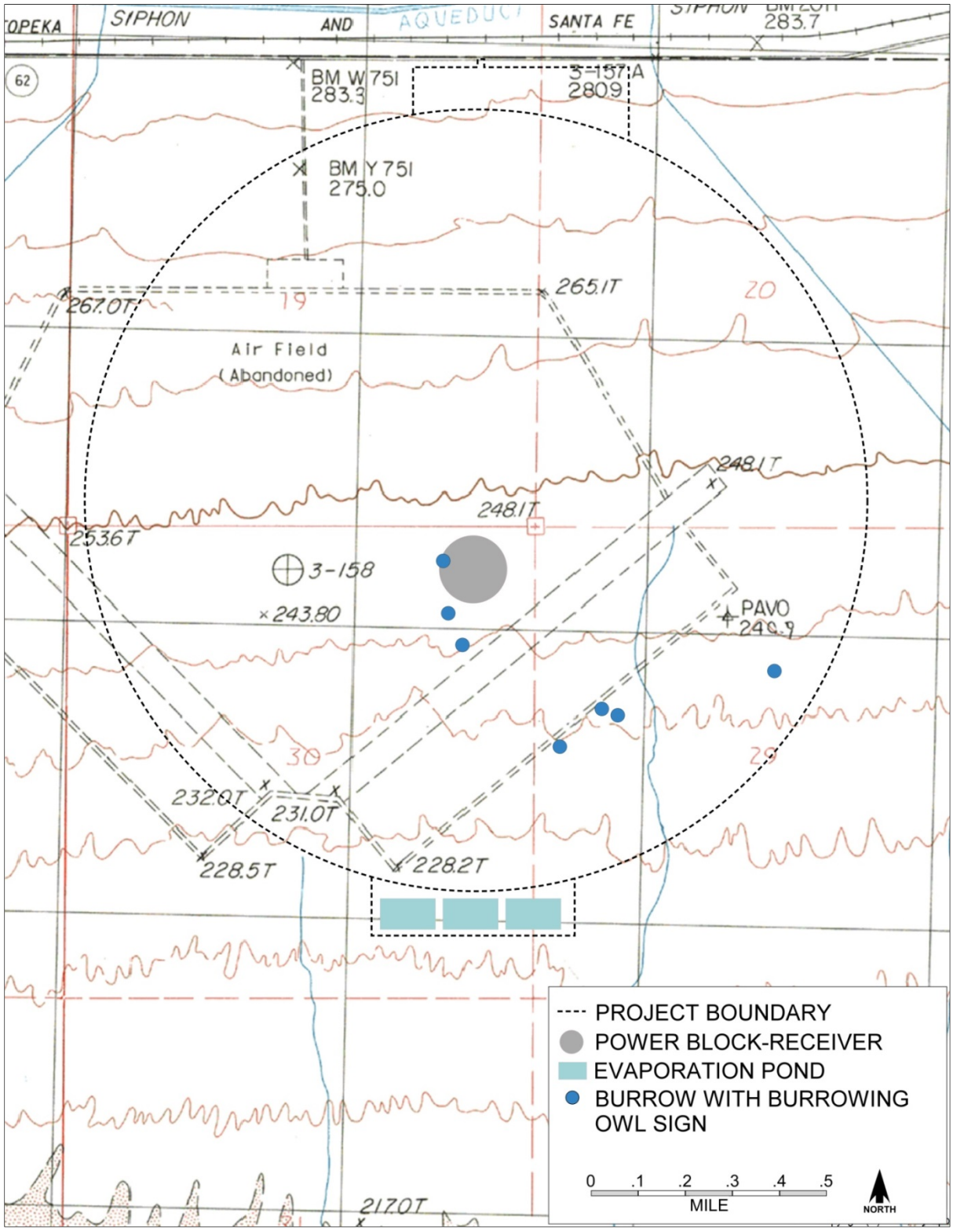

Figure 10 – RSEP Site Burrowing Owl Sign Locations

Table 3
RSEP Site Burrowing Owl Sign Locations

Type of Sign or species	Condition Class	Description and comments	Easting	Northing
Burrowing Owl	Inactive	Whitewash, Owl pellets	702220	3771424
Burrowing Owl	Inactive	Whitewash	702293	3771139
Burrowing Owl	Inactive	Whitewash	702652	3770810
Burrowing Owl	Inactive	Whitewash, Owl pellets	702768	3770939
Burrowing Owl	Inactive	Whitewash	702833	3770929
Burrowing Owl	Inactive	Whitewash	702254	3771251
Burrowing Owl	Inactive	Owl pellets	703339	3771068

BIO-20: As described in Section Two of this MCR, the CPM and CDFW were both notified via e-mail and by phone regarding the active kit fox complexes found on site during the reporting period. A conference call was held with the Project Owner, the Designated Biologist, the CPM, and CEC and CDFW Staff to discuss and receive recommendations regarding the use of one-way doors to passively encourage foxes off the site or out of the area of the complex.

Information on badgers was also gathered during the reporting period per Condition of Certification BIO-20. Seven badger burrows were found during the desert tortoise clearance surveys (see Table 4 and Figure 11). None of the burrows appeared currently active. All burrows were excavated. No live badgers were seen.

Table 4
RSEP Site Badger Sign Locations

Type of Sign or species	Condition Class	Description and comments	Easting	Northing
Badger	Inactive		703026	3772039
Badger	Inactive		702297	3772921
Badger	Inactive		702328	3770510
Badger	Inactive		702382	3770439
Badger	Inactive		702408	3770192
Badger	Inactive		703220	3771322
Badger	Inactive		702469	3771189

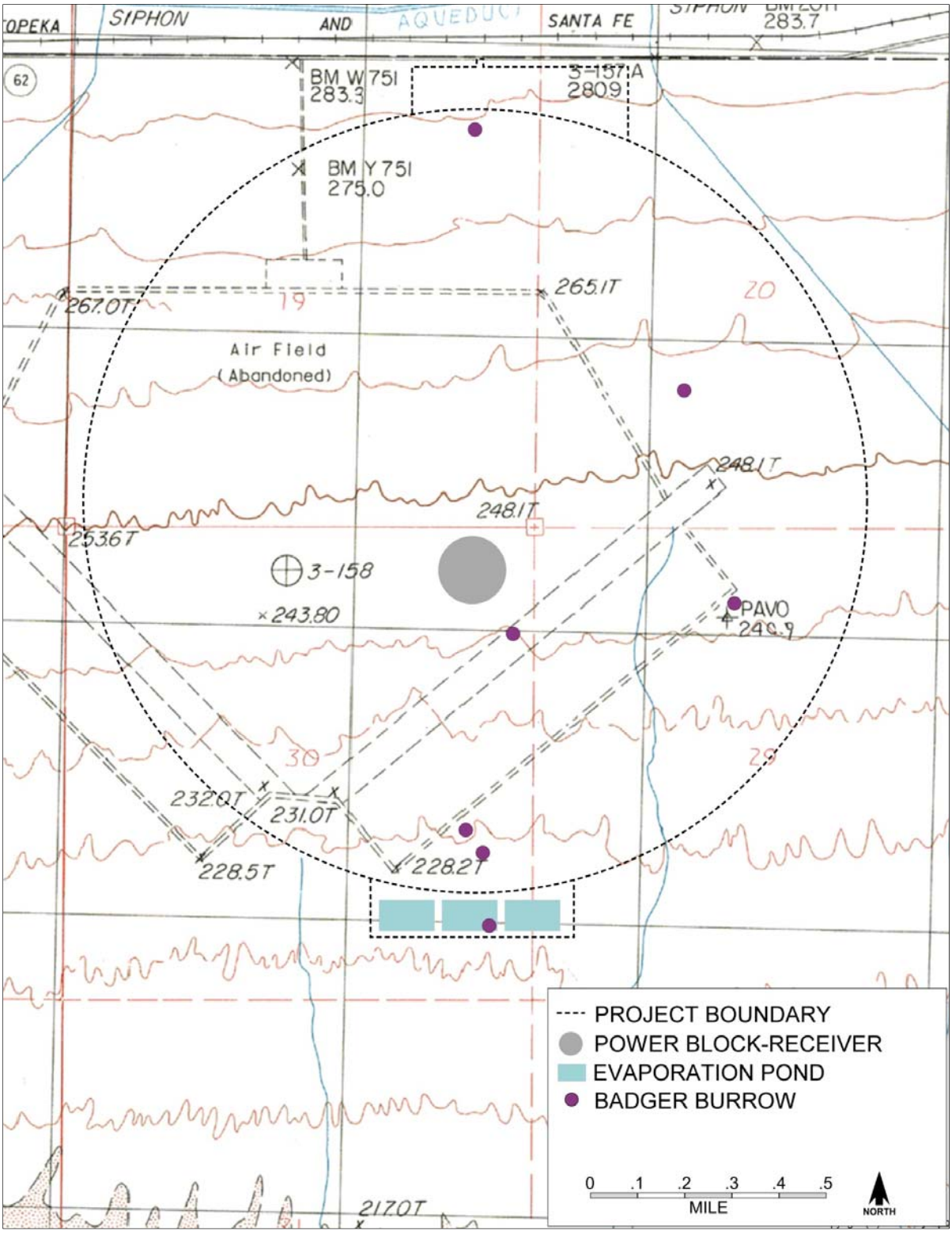

Figure 11 - RSEP Site Badger Sign Locations

CUL-6: In accordance with this condition, 17 personnel received the Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 125. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit B.

CUL-7: During the reporting period, cultural resources monitoring activities were conducted. The Cultural Resources Specialist's monthly summary report is included in Exhibit C.

CUL-9: No additional magnetometer surveys were conducted during the reporting period.

PAL-4: In accordance with this condition, 17 personnel received the Worker Environmental Awareness Program training during the reporting period, bringing the total trained to date to 125. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit B.

PAL-5: On September 11, 2013 Arthur Ruelas, the cultural resources monitor present at the RSEP site, recovered an isolated bone fragment from the surface of the alluvial fan while monitoring the permitted water discharge from a Baker tank. The specimen's location places it on a poorly to moderately developed desert pavement surface that was extensively disturbed in the mid-twentieth century, and it came from the surface or very-near surface. It was recognized immediately as an isolated fossil out of context but, to be certain, the area 5 meters around the location of the find was carefully expected to assure no further bone fragments were present. The find and daily log for that day were forwarded to the project Paleontological Resources Specialist (PRS). The PRS report on this matter is provided in Exhibit D.

Submittal Deadlines Not Met

No submittal deadlines were missed during the reporting period.

Approved Changes to Conditions of Certification

No petitions requesting changed to the conditions of certification have been submitted.

Exhibit A

Pre-Construction Compliance Matrix

RICE SOLAR ENERGY PROJECT COMPLIANCE MATRIX

Updated as of: 10/24/2013

COC Sort Code:	PC	CONS	COMM	OPS	Pending CEC Approval	Approved by CEC

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
AQ-SC01	PC	AQCMM: Designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4 and AQ-SC5 for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM Delegates. The AQCMM and AQCMM Delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. The AQCMM and AQCMM Delegates may have other	Submit to the CPM for review and approval the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates.	Resumes to CPM	At least 30 days prior to the start of GD	Complete	7/20/11	2011-046	Approved by CEC on 7/26/11
AQ-SC02	PC	AQCMP: Provide an Air Quality Construction Mitigation Plan (AQCMP) for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with Conditions of Certification AQ-SC3, AQ-SC4, and AQ-SC5. The AQCMP shall include effectiveness and environmental data for the proposed soil stabilizer.	Submit the plan to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 15 days from the date of receipt.	Plan to CPM	At least 30 days prior to the start of any GD	Complete	7/12/11	2011-036	Approved by CEC on 7/15/11
BIO-01a	PC	DB SELECTION: Assign at least one DB (DB) to the project. Submit the resume of the proposed DB, with at least three references and contact information, to the CEC CPM for approval in consultation with Western, BLM, CDFG, and USFWS. CDFG must also approve such biologists, potentially including individual approvals for monitors approved by the Authorized Biologist. DBs for the Project are the equivalent of USFWS Authorized Biologists Only DBs and certain BMs who have been approved by the DB shall be	Submit the name(s) and resume(s) of the DB(s) along with copies of the completed USFWS Desert Tortoise Authorized Biologist Request Form(s) to the USFWS and CPM for review and final approval. No construction-related GD, grading, boring, or trenching shall commence until an approved DB is available to be on site.	Resume of DB and DT Authorized Biologist Request Form	No fewer than 30 days prior to construction-related GD	Complete	6/9/11	2011-004 to CEC and 2011-006 to USFWS	Approved by CEC on 8/31/11 BLM approved DB's on 8/3/11
BIO-03a	PC	BIOLOGICAL MONITOR DUTIES: The DB shall submit the resume, at least three references, and contact information of each of the proposed Biological Monitors to the CPM.	Submit the specified information to the CPM for approval. The DB shall submit a written statement to the CPM confirming that individual BM(s) has been trained including the date when training was completed.	Resumes	At least 30 days prior to site mobilization or construction-	Complete	8/1/2011 on 8/8/11	To CEC 2011-068 To USFWS and BLM	Approved by CEC on 11/17/11
BIO-03b	PC	ADDITIONAL BM's: If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval.	Submit the information to the CPM for review and approval.	Additional BM resumes/info	At least 10 days prior to their first day of monitoring activities	Complete	8/27/11	2013-011	Approved by CEC on 8/29/13
BIO-06a	PC	DRAFT WEAP: Prepare and implement a Project-specific Worker Environmental Awareness Program (WEAP) and secure approval for the WEAP from the CPM. The WEAP shall be administered to all surveyors, construction engineers, employees,	Provide to the CPM a copy of the WEAP for review and approval in consultation with Western, CDFG, BLM, and the USFWS. The Project owner also shall submit copies of all supporting written	Draft WEAP	At least 30 days prior to start of construction-	Complete	7/21/2011 7/27/11	2011-049 Script 2011-063 Handbook	Approved by CEC on 8/23/11
BIO-06b	PC	FINAL WEAP: Submit two copies of the approved final WEAP.	Submit the required info to the CPM.	Final WEAP to CPM	At least 10 days prior to construction-related GD activities	Complete			Approved by CEC on 10/17/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
BIO-07a	PC	BRMIMP: Develop a Biological Resources Mitigation Implementation and Monitoring Plan in consultation with the DB and include accurate and up-to-date maps depicting the location of sensitive biological resources that require temporary or permanent protection during construction and operation. The BRMIMP shall include complete and detailed descriptions of items 1-12 in the condition.	Submit two copies of the proposed BRMIMP to the CPM for review and approval. No construction- related GD, grading, boring, or trenching may occur prior to approval of the final BRMIMP by the CPM. Any changes to the approved BRMIMP (including the project footprint) must be approved by the CPM in consultation with Western, BLM, CDFG, and USFWS before such action is taken.	BRMIMP	At least 30 days prior to start of any preconstruction site mobilization GD	Complete	7/25/2011 Submitted Final BRMIMP 7/17/13	2011-057 2013-004	Approved by CPM 7/19/13
BIO-07b	PC	If any permits have not yet been received with the BRMIMP is first submitted, copies shall be submitted to CPM within 5 days. BRMIMP to be revised or supplmented to reflect the new permit conditions within 10 days of their receipt. Under no circumstances shall GD proceed without implementation fo all permit conditions.	Submit permits to CPM. Update BRMIMP and resubmit to CPM.	Copy of permits to CPM; update BRMIMP	Within 5 days of receipt of permits	Complete	8/1/11	2011-070	Approved by CEC on 8/15/11
BIO-07c	PC	PRE-CONSTRUCTION AERIAL PHOTOS: To verify that the extent of construction disturbance does not exceed that described in this analysis, submit aerial photographs, at an approved scale, taken before and after construction to the CPM. The first set of aerial photographs shall reflect site conditions prior to any preconstruction site mobilization and construction- related GD.	Submit the required photographs to the CPM.	Aerial photos	At least 60 days prior to initiation of such activities	Complete	6/17/11	2011-009	Approved by CEC 6/27/11
BIO-07e	PC	ACREAGE ACCOUNTING: Provide a final accounting of the acreages of vegetation communities/ cover types present before and after construction and a depiction of the approved project boundaries superimposed on the post project aerial photograph.	If final acreages and/or disturbance footprints exceed those previously approved, the CPM shall coordinate with project owner, in consultation with Western, CDFG, BLM, and USFWS to determine appropriate mitigation for such impacts. Such mitigation may exceed the requirements as outlined in these Conditions of	Final accounting to CPM	At least 30 days prior to start of any preconstruction site mobilization	Complete	7/25/2011 Submitted Final BRMIMP 7/17/13	2011-057 2013-004	Approved by CPM 7/19/13
BIO-09a	PC	COMPLIANCE VERIFICATION: The DB shall notify the CPM, Western, BLM, CDFG, and USFWS before initiating ground-disturbing activities and provide them with reasonable access to the project site and mitigation lands under the control of the project owner and otherwise fully cooperate with the CEC's, Western's, BLM's, CDFG's, and USFWS's efforts to verify the project owner's compliance with, or the effectiveness of,	Submit notification to CPM, Western, BLM, CDFG, and USFWS	Notification letter or email	14 calendar days before initiating GD activities	Complete	8/1/13	2013-006	LNTP received 8/16/`13
BIO-10a	PC	REVEGETATION PLAN: Develop and implement a Revegetation Plan for all areas subject to temporary (albeit long-term) project disturbance, including but not limited to linear features and berms of detention or debris basins, to the extent permitted by stormwater control requirements. The Reveg Plan will include the information set forth in Items 1 of the condition. (Also see Condition for specific requirements related to top soil salvage, seed and nursery stock, monitoring, and replacement requirements.)	Submit the Revegetatation Plan to the CPM for review and approval.	Plan to CPM	At least 30 days prior to start of any preconstruction site mobilization and construction-related GD	Complete	7/28/11	2011-067	Approved by CEC 10/17/11

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BIO-11a	PC	WEED MANAGEMENT PLAN: Prepare and implement a Weed Management Plan that meets the approval of the CPM, in consultation with Western, BLM, CDFG, and USFWS. At minimum, the Weed Management Plan shall address the six items set forth in the condition. .	Provide the CPM and BLM with the final version of the Weed Management Plan. All modifications to the approved Weed Management Plan shall be made only after consultation with the CPM in consultation with Western, BLM, USFWS, and CDFG.	Final Weed Mgmt Plan	At least 30 days prior to the start of any project-related GD activities	Complete	7/22/11	2011-054	Approved by CEC 2/10/12
BIO-12a	PC	PLANT SPECIES PROTECTION/DESIGNATED BOTANIST: To protect Harwood's milk-vetch or other CNPS List 1 or List 2 plants (excluding chaparral sand-verbena) located within the project area or within 250 feet of its boundaries (including access roads, staging areas, laydown areas, parking and storage areas) from accidental and indirect impacts during construction, operation, and closure, retain a Designated Botanist to oversee compliance with the specific measures set forth in Section A of the condition.	Submit to the CPM for review and approval, in consultation with the BLM State Botanist, the name and resume of the project's Designated Botanist.	Name and resume of Designated Botanist	No less than 30 days prior to the start of GD activities	Complete	6/10/11	2011-008	Approved by CEC 6/1/411 [As of 6/1/13, John Little & Mike Bowers still available]
BIO-12c	PC	SPECIAL STATUS PLANTS: Prepare a Special Status Plant Impact Avoidance and Minimization Plan to the CPM for review and approval, in consultation with the BLM State Botanist. The Plan must include the specific elements set forth in the Condition under Items a thru g. The Special-Status Plant Impact Avoidance and Minimization Measures shall be incorporated into the BRMIMP as required under Condition of Certification BIO-7.	Submit the required information to the CPM for review and approval, in consultation with the BLM State Botanist.	Special Status Plant Species Plan	No less than 30 days prior to GD activities	Complete	7/22/11	2011-053	Approved by CEC on 8/26/11
BIO-12d	PC	ESA AREAS: Prepare grading plans and construction drawings depicting the location of Environmentally Sensitive Areas and the Avoidance and Minimization Measures contained in Section A of this Condition. The Designated Botanist shall conduct weekly monitoring of the ESAs that protect special-status plant occurrences during construction and decommissioning activities.	Submit the required plans and drawings to the CPM and coordinate with the CPM and BLM's Wildlife Biologist to revise and finalize boundaries of the ESAs.	Plans/drawings showing ESA areas	No less than 30 days prior to the start of GD activities for t-line	5/2/15			Applies only to gen-tie line
BIO-12h	PC	CACTI/YUCCA PROTECTION: Inventory all plants subject to BLM policies on all BLM lands within the Project Disturbance Area that would be removed or damaged by proposed project construction.	Submit required information to the CPM and BLM State Botanist.	Cacti inventory	No less than 30 days prior to the start of GD	5/2/15			Applies only to gen-tie line
BIO-12i	PC	CACTI/YUCCA SALVAGE PLAN: Prepare and implement a Protected Plant Salvage Plan in conformance with BLM standards. The plan shall include the information specified in the condition (see Section B).	Submit the plan for review and approval by the CPM in consultation with the BLM.	Plan to CPM after consultation with BLM	No less than 30 days prior to the start of GD activities for t-line	5/2/15			Applies only to gen-tie line
BIO-13a	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE MEASURES FOR MIGRATORY BIRDS/AVIAN MONITORING PLAN: Pre-construction nest surveys for bird species other than burrowing owls shall be conducted if construction activities will occur during the breeding period (from February 1 through August 31). Burrowing owl surveys are addressed in BIO-19. The DB or BM conducting the surveys shall be experienced bird surveyors and familiar with standard nest- locating techniques such as those described in Martin and Guepel (1993). Surveys shall be conducted in accordance	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest(s) and shall depict the boundaries of the no-disturbance buffer zone around the nest(s)	Letter Report on PC Bird/Bat Surveys	Prior to the start of any project-related GD activities	1/31/14			These will be done during DT clearance surveys

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BIO-13b	PC	ACTIVE BIRD NESTS: If active nests are detected during the survey, a 500-foot no-disturbance buffer zone shall be implemented. If active raptor nests or bat maternity roosts are detected during the survey, a 1200-foot no-disturbance buffer zone shall be	A monitoring plan shall be prepared and implemented to ensure no disturbance takes place within the buffer areas. This protected area surrounding the nest may be adjusted by the DB in consultation	Plan to CPM after consultation with CDFG, FWS,	Prior to the start of any project-related GD	1/31/14			These will be done during DT clearance surveys
BIO-14	PC	DT CLEARANCE SURVEYS OF FENCED AREAS: The solar field and adjacent fenced areas (including permanent and temporarily fenced areas) shall be cleared of DT by the DB, who may be assisted by the BMs. (See condition for details on clearance survey protocols.) Clearance surveys of the power plant site may only be conducted when tortoises are most active (April through May or September through October).	Conduct clearance surveys Surveys outside of these time periods require approval by USFWS and CDFG. Any DT located during clearance surveys of the solar field site or construction areas along the transmission line route shall be relocated and monitored in accordance with the DT Translocation Plan (BIO-15).		Following construction of the DTexclusion fencing	Complete			DT clearance survey work documented in MCR #2
BIO-14a	PC	DESERT TORTOISE CLEARANCE SURVEYS AND EXCLUSION FENCING: Permanent DT exclusion fencing shall be installed at the solar generator site along the	The exclusion fencing shall be installed prior to the onset of site clearing and grubbing.The proposed alignments for all DT	Conduct DT Clearance	Prior to clearing and grubbing	Complete			DT fencing activities
BIO-15a	PC	DT TRANSLOCATION PLAN: Prepare and implement a final plan based on the draft DT Relocation/Translocation Plan prepared by the applicant that includes all revisions deemed necessary by USFWS, CDFG, and the CPM, in consultation with Western and BLM. The Plan shall address the specfic requirements set forth in the Condition. The Plan shall not be accepted as "final" until it has been reviewed and approved by the	Provide the CPM with the final version of a Desert Tortoise Translocation Plan that is consistent with all terms and conditions of the Biological Opinion and Incidental Take Permits, both yet to be issued.	Final DT Translo Plan	Within 30 days of publication of the CEC License Decision	Complete	Sent revised plan to CEC on 5/11/12	—	Approved by CEC 8/13/12; Animal Husbandry Plan approved 7/13/12
BIO-16a	PC	COMPENSATORY MITIGATION LAND ACQUISITION: Provide compensatory mitigation acreage of 1,522 acres of desert tortoise habitat lands, adjusted to reflect the final project footprint, as specified in this condition. All or a portion of this compensation land may consist of land currently held by the project owner, pending analysis of its suitability, *(Note to Reader: refer to Commission Decision for detailed information on all BIO-16 related conditions summarized in this matrix.)*	Provide the CPM with written notice of intent to start GD.	Notification letter to CPM	At least 30 days prior to the start of GD activities	Complete	8/1/13	2013-006	
BIO-16b	PC	COMPENSATION FORM OF SECURITY: Prior to submitting the actual Security to the CPM, obtain the CPM's approval, in consultation with Western, CDFG, BLM and the USFWS, of the form of the Security.	Provide final form of security as verification that financial assurances have been established to the CPM with copies of the document(s) to BLM, CDFG and the USFWS, to guarantee that	Final LOC	No later than 30 days prior to beginning Project	Complete			
BIO-16c	PC	COMPENSATORY MITIGATION LAND IMPROVEMENT: Provide provide financial assurances as described in the Condition in the amount of $3,888,055.50. In lieu of acquiring lands itself, the Project owner may satisfy the requirements of this condition by depositing funds into a REAT in the amount of $4,002,559.17.	Provide draft form of LOC to CPM, BLM, CDFG, and USFWS	Draft form of LOC	No later than 45 days prior to beginning Project GD activities	Complete	7/17/13	RSE LLC sent to CPM	Pending CPM approval
BIO-17a	PC	RAVEN MONITORING, MANAGEMENT, AND CONTROL PLAN: Prepare and implement a Raven Plan that is consistent with the most current USFWS-approved raven management guidelines and that meets the approval of the CPM. The draft Raven Plan submitted by the applicant (Appendix B of CH2MHill 2010c) shall provide the basis for	Provide the CPM, USFWS, and CDFG with the final version of a Raven Plan. All modifications to the approved plan shall be made only with approval of the CPM in consultation with Western, BLM, USFWS and CDFG.	Final Raven Management Plan	No later than 30 days prior to any construction-related GD	Complete	Submitted final plan on 6-19-13	2013-001	Approved by CPM 7/3/13
BIO-17b	PC	REAT PAYMENT: Submit payment to the project sub-account of the REAT Account held by the National Fish and Wildlife Foundation (NFWF) to support the USFWS Regional Raven Management Program. The amount shall be a one-time payment of $105 per acre of long-term or permanent disturbance (totaling $152,040.00 for disturbance area of	Provide written verification to the CPM that NFWF has received and accepted payment into the project's sub-account of the REAT Account to support the USFWS Regional Raven Management Program.	Written Verification to CPM	No more than 30 days prior to the start of GD activities	Complete	8/14/13	2013-010 with $152,040 check and NFWF Deposit Form	Pending CPM approval
BIO-18a	PC	GOLDEN EAGLE PRE-CONSTRUCTION SURVEYS: Complete the surveys and inventories described in items 1-3 in the condition to avoid or minimize Project-related construction impacts to golden eagles.	Submit a report to the CPM, Western, CDFG, BLM, and USFWS documenting the results of the inventory.	Golden eagle survey report	No fewer than 30 days from completion of the golden eagle inventory	Complete	Submited 2013 Spring Report on 6/20/13 12/17/12	2013-001 2012-003	Submitted for info only; ok for LNTP per CPM 7-23-13

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
BIO-19a	PC	BURROWING OWL SURVEYS: Concurrent with DT clearance surveys, the DB shall conduct preconstruction surveys for burrowing owls. Surveys shall be conducted within the project site and along all linear facilities in accordance with CDFG guidelines (CBOC	Conduct required pre-construction burrowing owl surveys.	Conduct pre-construction surveys	No more than 30 days prior to the start of GD	10/14/13			Burrowing owl surveys were conducted in
BIO-19b	PC	BURROWING OWL MONITORING AND MITIGATION PLAN: If pre-construction surveys detect burrowing owls or active burrows within the Project Disturbance Area and/or outside the project disturbance area but within 500 feet of proposed construction activities, the DB shall provide a Burrowing Owl Monitoring and Mitigation Plan.	Submit the required plan to the CPM, CDFG, USFWS, BLM, and Western.	Burrowing Owl Plan	At least 10 days prior to the start of any project-related site disturbance activities	8/22/13			No active burrows on site in Oct 2013; will recheck prior to site mobilization
BIO-19c	PC	BURROWING OWL BUFFER FENCING: If pre-construction surveys detect burrowing owls within 500 feet of proposed construction activities, the DB shall provide to the CPM, Western, BLM, CDFG and USFWS documentation indicating that nondisturbance buffer fencing has been installed at least 10 days prior to the start of any construction-related GD activities.	Submit the required documentation regarding nondisturbance buffer fencing to the CPM, CDFG, USFWS, BLM, and Western.	Evidence of fencing installation	At least 10 days prior to the start of any project-related site disturbance activities	9/11/13			No active burrows on site in Oct 2013; will recheck prior to site mobilization
BIO-19d	PC	BURROWING OWL COMPENSATION: If the burrowing owl habitat compensation land is separate from the acreage required for desert tortoise compensation lands (NOTE: IT IS NOT), the Project owner or an approved third party shall complete acquisition of the proposed compensation lands prior to initiating ground-disturbing Project activities. Alternatively, financial assurance can be provided by the Project owner to the CPM with copies of the document(s) to Western, CDFG, BLM and the USFWS, to guarantee that	Financial assurance can be provided to the CPM in the form of an irrevocable letter of credit, a pledged savings account or another form of security ("Security") prior to initiating ground-disturbing Project activities. Prior to submittal to the CPM, the Security shall be approved by the CPM, in consultation with Western, CDFG, BLM and the USFWS to ensure funding	LOC or other form of Security	No later than 30 days prior to the start of construction-related ground disturbing	Complete			
BIO-20a	PC	BADGER/KIT FOX PRE-CONSTRUCTION SURVEYS: Conduct pre-construction surveys for American badgers and desert kit fox (may be conducted concurrently with the DT pre-construction surveys) throughout the project area, including areas within 250 feet of all project facilities, utility corridors, and access roads. Maternity dens shall be avoided during the pup-rearing season (15 February through 1 July) and a minimum 200-	Submit a report to the CPM and CDFG that describes survey methods, results, further mitigation measures (if any) to be implemented, and shall specify reporting and verification requirements (e.g., CDFG approval for forced dispersal plans) for those measures.	Survey Report	Within 30 days of completion of badger and kit fox surveys	Ongoing			Kitfox and badger surveys were conducted concurrently with DT clearance
BIO-21	PC	WILDLIFE PASSAGE: To allow east-west wildlife passage alongside the highway and to minimize road mortality during project construction, design and build the facility to provide a minimum 100-foot unfenced wildlife passage area south of SR-62 and north of the solar field and any contiguous project components that would interrupt wildlife passage. (See condition for further details.)	Submit final plan drawings to the CPM and Western to indicate the location of the wildlife passage area. No fence construction or other ground-disturbing activities shall proceed within the designated wildlife passage area without written authorization of the CPM.	Plans/drawings to CPM and Western	No less than 30 days prior to scheduled commencement of GD activities	Complete	6/15/2011 6/15/11	2011-11 to CEC 2011-013 to Western	CEC Approved 6-16-11
BIO-22a	PC	DETENTION BASIN ELIMINATION: Design and construct the perimeter road at existing grade in the southern portion of the project site to allow runoff to cross the road freely, as shown in the applicant's Response to CEC Staff Workshop Query 12 (SR 2010a).	The project owner may adopt the road design as submitted (SR 2010a) or provide an alternate design to minimize potential for road damage during heavy rains (e.g., the owner may elect to pave the road or install periodic low-water crossings that would not impede runoff).	Plans/drawings to CPM	6/15/2011	Complete	6/15/11	2011-010	CEC Approved 6-27-11
BIO-22b	PC	STREAMBED IMPACT MINIMIZATION AND COMPENSATION MEASURES: The project owner shall implement the following measures to avoid, minimize and mitigate for direct and indirect impacts to waters of the State and to satisfy requirements of California Fish and Game Code sections 1600 and 1607. The CPM reserves the right to issue a stop work order or allow CDFG to issue a stop work order after giving notice to the	Provide a copy of the Streambed Impact Minimization and Compensation Measures from the Commission Decision and Western and BLM Records of Decision to all contractors, subcontractors, and the project owner's project supervisors. Copies shall be readily available at work sites at all times during periods of	Provide copies of CEC Final Decision and RODS to contractors	Prior to start of construction	3/2/14			

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BIO-22c	PC	DRAFT HABITAT MANAGEMENT PLAN: Prepare and implement the measures described in the condition to avoid, minimize and mitigate for direct and indirect impacts to waters of the State and to satisfy requirements of California Fish and Game Code sections 1600 and 1607. The plan shall include site-specific enhancement measures for all drainages on compensation lands that will be used to fulfill the requirements of this Condition. Any additional lands beyond those required for compliance with BIO-16 that may be required for compliance with this Condition shall also be included in the Management Plan.	The management plan shall be submitted for the CPM'S review in consultation with CDFG, Western, and BLM.	Draft Habitat Mgmt Plan	No fewer than 30 days prior to the start of any site or related facilities mobilization activities	3/2/14		7/27/11 2011-062	CEC has okayed preliminary version; submit final under BIO-22d
BIO-22f	PC	BEST MANAGEMENT PRACTICES: The project owner shall comply with the requirements listed in the Condition to protect drainages near the Project Disturbance Area.	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM, Western, BLM, and CDFG that the above best management practices will be implemented.	Include information in BRMIMP	No fewer than 30 days prior to the start of work potentially affecting waters of	Complete	7/27/11	2011-062	Info incorporated into approved BRMIMP
BIO-24a	PC	EVAP POND DESIGN, MONITORING, AND MANAGEMENT DRAFT PLAN: Design and implement an Evaporation Pond Design, Monitoring, and Management Plan (Evaporation Pond Plan) that meets the approval of the CPM, USFWS, CDFG, and Western. The goal of the Evaporation Pond Plan shall be to avoid the potential for bird	Provide the CPM, Western, USFWS, and CDFG with a draftl version of the Evaporation Pond Plan for review and approval.	Draft Evap Pond Design Plan	At least 60 days prior to start of any project-related GD	Complete	7/14/11	2011-041 2011-042 2011-044	Approved by CEC 8/14/12
BIO-24b	PC	EVAP POND DESIGN, MONITORING, AND MANAGEMENT FINAL PLAN: Design and implement an Evaporation Pond Design, Monitoring, and Management Plan (Evaporation Pond Plan) that meets the approval of the CPM, USFWS, CDFG, and Western. The goal of the Evaporation Pond Plan shall be to avoid the potential for bird and wildlife mortality associated with the evaporation ponds. The Evaporation Pond Plan	Provide the CPM, Western, USFWS, and CDFG with the final version of the Evaporation Pond Plan that has been reviewed and approved by USFWS, CDFG, and staff. The CPM shall determine the plan's acceptability within 15 days of receipt of the final plan. All modifications to the approved Evaporation Pond Plan must be	Final Evap Pond Design Plan	At least 30 days prior to start of any project-related GD activities	3/2/14			Send agencies the final CEC approved plan
BIO-25a	PC	DRAFT AVIAN AND BAT PROTECTION PLAN: The project owner shall submit for approval by the CPM, in consultation with Western, BLM, and CDFG a final Avian and Bat Protection Plan which has already been reviewed and approved by USFWS.	Submit the plan for review and obtain written approval from the USFWS.	Draft Plan to USFWS	No more than 60 days after completion of Golden eagle surveys in Spring	Ongoing	7/17/11	2013-003	In progress; Project Owner will be updating plan to address FWS comments
BIO-25b	PC	FINAL AVIAN AND BAT PROTECTION PLAN: Prepare and implement an Avian and Bat Protection Plan as described in the condition.	Submit the approved USFWS plan to the CEC for approval, in consultation with Western, BLM, and CDFG. This documentation shall include a written or electronic transmittal from the USFWS indicating its approval of the Avian and Bat Protection Plan, the status of any permit that may be required, and any follow-up actions required by the applicant.	Final Avian and Bat Protection Plan	After approval by the USFWS	11/1/13			
BIO-25c	PC	BIRD AND BAT MONITORING STUDY: Prepare and implement a Draft Bird and Bat Monitoring Study (include in BRMIMP) to monitor the death and injury of birds and bats from collisions with project facilities including heliostats and solar receiver tower, and burning caused by flying through focused sunlight around the solar receiver tower or standby points. The study should fulfill the requirements listed in the condition.	Submit to the CPM, Western, USFWS, and CDFG a draft Bird and Bat Monitoring Study.	Draft Study	No more than 45 days prior to site mobilization	2/15/14			In progress
BIO-25d	PC	BIRD AND BAT MONITORING STUDY: Provide the CPM with the final version of the Bird and Bat Monitoring Study, as reviewed and approved by the CPM in consultation with Western, CDFG and USFWS. Modifications to the Bird and Bat Monitoring Study shall be made only with the approval of the CPM in consultation with Western, CDFG and USFWS.	Submit the required Bird and Bat Monitoring Study to the CPM.	Final Plan to CPM	No more than 15 days prior to site mobilization	3/17/14			

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BIO-26	PC	IN LIEU FEE:The Project owner may choose to satisfy its mitigation obligations identified in this Decision by paying an in lieu fee instead of acquiring compensation lands, pursuant to Fish and Game code sections 2069 and 2099 or any other applicable in-lieu fee provision, provided that the project's in-lieu fee provision is found by the Commission to be in compliance with CEQA and CESA requirements. If the in-lieu fee proposal is found by the Commission to be in compliance, and the Project Owner chooses to satisfy its mitigation obligations through the in-lieu fee, the Project Owner shall provide proof of	Refer to condition for details if this option is selected.		In lieu of buying compensation land; if this option is chosen, final security must be provided prior to GD	8/2/13			
CIVIL-01a	PC	Submit a design of the proposed drainage structures and the grading plan	Submit documents to the CBO for review and approval, and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	Drainage and grading drawings to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete	8/5/11	WP submitted to CBO	CEC approved 10/15/11
CIVIL-01b	PC	Submit an erosion and sedimentation control plan.	Submit documents to the CBO for review and approval, and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	Erosion and sediment control plans and drawings to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete	7/25/11	WP submitted to CBO	CEC approved 10/15/11
CIVIL-01c	PC	Submit a stormwater pollution prevention plan (SWPPP).	Submit documents to the CBO for review and approval, and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	Plan to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	3/2/14		WP to finalize plan and resubmit to CBO - upload new plan to RWQCB website	CEC approved 10/15/11
CIVIL-01d	PC	Submit related calculations and specifications, signed and stamped bythe responsible civil engineer.	Submit documents to the CBO for review and approval, and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	Stamped calcs/specs to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete		WP submitted to CBO	CEC approved 10/15/11
CIVIL-01e	PC	Submit the soils, geotechnical, or foundation investigations reports required by the CBC.	Submit documents to the CBO for review and approval, and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	Geotech Report to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete		WP submitted to CBO	CEC approved 10/15/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
COM-03	PC	COMPLIANCE VERIFICATION SUBMITTALS: A cover letter is required for all compliance submittals and correspondence pertaining to compliance matters. The cover letter subject line shall identify the project by AFC number, the appropriate condition(s) of certification by condition number(s), and a brief description of the subject of the submittal. Also identify those submittals not required by a condition of certification with a statement such as: "This submittal is for information only and is not required by a specific condition of certification." When submitting supplementary or corrected information, reference the date of the previous submittal and CEC submittal number.	All hardcopy submittals shall be addressed to the CPM. Submittals shall be accompanied by a searchable electronic copy, on a CD or by e-mail, as agreed upon by the CPM.	Electronic and hard copies of submittals	Ongoing during construction	Complete		Ongoing	Approved
COM-04	PC	PC MATRIX: Submit a pre-construction matrix addressing only those conditions that must be fulfilled before the start of construction can commence.	Submit pre-construction matrix showing all completed PC conditions.	Matrix to CPM	Prior to start of construction	Complete	7/13/11	2011-040	Approved verbally by CEC 7/13/11
COM-11a	PC	PROPERTY OWNER NOTIFICATION: Send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. Telephone number either must be staffed 24 hours a day or shall include automatic answering with a date and time stamp recording. All recorded complaints shall be responded to within 24 hours.	The telephone number shall be provided to the CPM who will post it on the CEC web page. Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page.	Letter to property owners with phone #	Prior to the start of construction	3/2/14			
COM-11b	PC	POST SIGN AT PROJECT SITE: The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation.	Acquire Project phone number for Project signs and install sign at site upon receipt of CEC NTP letter.	Prepare wood sign and install at site	Prior to the start of construction	3/2/14			
CUL-01a	PC	Contribute to a special fund set up by the CEC and/or Western to finance the DTC/C-AMA Cultural Landscape Documentation and Possible NRHP Nomination Program (DTCCL Program) presented in the RSEP SA/DEIS. The amount of the contribution shall be $22 per acre that the project encloses or otherwise disturbs. Any additional contingency contribution is not to exceed an amount totaling 20% of the original contribution. The contribution to the special fund may be made in installments, with the approval of the CPM, with the first installment to constitute 1/3 of the total original	Contribute the entire amount of the required contribution or the first of three installments, equal to one-third of the total contribution amount, to the established funding vehicle for the Program. The delivery dates for the remaining installments shall be determined by the CPM, based on program requirements.	Make first 1/3 of payment to CPM	CPM has approved payment to be made prior to site mobilization	3/15/14			Pay Prelimin invoice has been received from CEC for 1st install payment of $11,161.33
CUL-01b	PC	Provide a copy of the notice of successful transfer of funds for any payment or installment to the DTCCL fund to the CPM.	Provide the CPM with the required information.	Evidence of transfer to CPM	Within 10 days of receipt	3/15/14			

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CUL-02a	PC	Obtain the services of a Cultural Resources Specialist (CRS) and one or more alternate CRSs, if alternates are needed. The CRS shall manage all monitoring, mitigation, curation, and reporting activities in accordance with the Conditions. The resumes for the CRS and alternate(s) shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition. The CRS may obtain the services of Cultural Resources Monitors (CRMs), as needed, to assist in monitoring, mitigation, and curation activities. The project owner shall ensure that the CRS implements the cultural resources conditions providing for data recovery from known historical resources and makes recommendations regarding the eligibility for listing in the CRHR of any cultural	Submit the resumes for the CRS, the alternate CRS(s) if desired, and the PHA to the CPM for review and approval. The resumes for the CRS, alternate(s), and PHA shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition. No GD shall occur prior to CPM approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	Resumes to CPM	Prior to the start of GD (includes preconstruction site mobilizationand construction grading, boring, and trenching)	Complete	6/9/2011 8/1/11	2011-005 (CRS) and 2011-007 (CRMs) 2011-069 submitted additional info for Aaron	Natalie Lawson approved as alternative on 7/26/11 Aaron Fergusson approved on 8/1/11
CUL-02b	PC	Ensure that the CRS obtains the services of a qualified historical archaeologist to conduct the research specified in CUL-9. The Project Historical Archaeologist's (PHA) training and background must meet the U.S. Secretary of Interior's Professional Qualifications Standards for historical archaeology, as published in Title 36, Code of Federal Regulations, part 61.	Submit the resumes for the CRS, the alternate CRS(s) if desired, and the PHA to the CPM for review and approval. The resumes for the CRS, alternate(s), and PHA shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition.	Resumes to CPM	At least 120 days, but no less than 75 days prior to the start of GD	Complete	6/28/11 7/26/11 7/28/11	2011-027 2011-061 2011-066	Approved by CEC on 8/2/11
CUL-02c	PC	Confirm in writing to the CPM that the approved CRS (or alternate CRS) and PHA will be available for on-site work and are prepared to implement the cultural resources conditions of certification.	Provide the CPM with the required information.	Letter to CPM	At least 65 days prior to the start of data recovery on known archaeological	Complete	9/1/11	2011-085	Approved by CEC on 9/13/11
CUL-02f	PC	The CRS shall provide a letter to the CPM for review and approval, naming anticipated CRMs for the project providing resumes or other proof of qualifications, and attesting that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this Condition.	Submit the required information to the CPM for review and approval.	CRS Letter to CPM	At least 20 days prior to GD	Complete	6/9/11	2011-007 (CRMs)	Approved by CEC 10/14/11
CUL-03a	PC	Provide the CRS, PHA, and CPM with maps and drawings showing the footprints of the power plant, all linear facility routes, all access roads, and all laydown areas. Maps shall include the appropriate USGS quadrangles and maps at an appropriate scale (e.g., 1:2400 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 map submittals and, in consultation	Provide the CRS and PHA with copies of the AFC, data responses, confidential cultural resources documents, Staff Assessment (SA), and any subsequent revised or supplemental SA. Also provide the maps and drawings to the CRS, PHA, and CPM.	Maps/drawings to CPM	Preferably at least 115 days, but no less than 60 days prior to the start of GD	Complete	6/23/11	2011-018	Approved by CEC 6/23/11
CUL-03b	PC	If there are changes to any project-related footprint, provide revised maps and drawings for the changes to the CRS, PHA, and CPM.	Provide the CRS, PHA, and CPM with the required information if necessary.	Maps/drawings to CPM	At least 15 days prior to the start of GD	As required			No changes or phasing planned
CUL-03c	PC	If construction of the project would proceed in phases, maps and drawings not previously provided shall be provided to the CRS, PHA, and CPM prior to the start of each phase.	Submit the appropriate maps and drawings, if not previously provided, to the CRS, PHA, and CPM.	Site maps and drawings to CPM	At least 15 days prior to the start of each phase of a phased project	As required			
CUL-03d	PC	Written notice identifying the proposed schedule of each project phase shall be provided to the CRS and CPM.	Provide the CRS and CPM, by letter, e-mail, or fax, with a schedule of project activities for the following week, including the identification of area(s) where GD will occur. The project owner shall notify the CRS and CPM of any changes to the schedule of construction phases.	Schedule to CRS and CPM	Weekly, during GD	As required			

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CUL-04a	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS, with the contributions of the PHA, to the CPM for review and approval. The CRMMP shall include the requirements listed in the condition. The CRMMP shall specify the impact mitigation protocols for all known cultural resources and identify general and specific measures to minimize potential impacts to all other	Submit the CRMMP to the CPM for review and approval. No GD shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	CRMMP	Preferably at least 90 days, but no less than 30 days prior to the start of GD	1/1/14		9/6/11 2011-087	CEC has okayed preliminary version; submit final version in 2013
CUL-04b	PC	Agree to pay curation fees in a letter to the CPM for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Submit the required letter to the CPM.	Letter	At least 20 days prior to the start of GD	Complete	8/9/11	2011-077	Approved by CEC on 8/31/11
CUL-04c	PC	Provide to the CPM a copy of a letter from a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections, stating the facility's willingness and ability to	Provide to the CPM a copy of the required letter.	Letter with Curation Agreement	At least 30 days prior to the initiation of GD	Complete	8/31/11	2011-083	Approved by CEC 9/14/11
CUL-06a	PC	Prepare a draft Worker Environmental Awareness Program (WEAP). The WEAP shall include the requirements addressed in the condition.	The CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval.	Draft WEAP to CPM	At least 30 days prior to the beginning of GD	Complete	7/21/11 7/27/11	2011-050 script 2011-065 Handbook	Approved by CEC 8/17/11
CUL-06b	PC	Provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads, and other ancillary areas. 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)	The CPM will provide the project owner with a WEAP Training Acknowledgement form for each WEAP trained worker to sign.	WEAP Sign-In Sheet to CPM	At least 15 days prior to the beginning of GD	Complete			Approved by CEC 10/25/11
CUL-07a	PC	Ensure that the CRS, alternate CRS, or CRMs shall monitor, full time, all GD, to prevent construction impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner. On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of noncompliance 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	The CPM shall provide to the CRS an electronic copy of a form to be used as a daily monitoring log. THIS FORM IS PART OF CRMMP	Daily log form to CPM	At least 30 days prior to the start of GD	3/2/14		9/6/11 2011-087	Include form in final CRMMP
CUL-07c	PC	The CRS or alternate CRS shall report daily to the CPM on the status of the project's cultural resources-related activities, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.	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 of communication acceptable to the CPM.	CRS Daily Log	Daily	9/1/13			Ongoing as part of MCR

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CUL-08a	PC	Grant authority to halt GD to the CRS, alternate CRS, PHA, and the CRMs in the event of a discovery. Redirection of GD shall be accomplished under the direction of the construction supervisor in consultation with the CRS.	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, PHA, and CRMs have the authority to halt GD in the vicinity of a cultural resources discovery.	Authority to Halt Letter	At least 30 days prior to the start of GD	Complete	8/9/11	2011-078	Approved by CEC on 8/17/11
CUL-09a	PC	Ensure that feature forms for all historic-period features at the Rice Army Airfield and Camp Rice are completed to the satisfaction of the CPM. The focus of the recordation is to recover any additional data associated with these features before they are destroyed	Notify the CPM that mapping and upgraded in-field artifact analysis has ensued.	Notification Letter to CPM	At least 90 days prior to GD	Ongoing		CH2 sent via email on 3/12/12	Initial CUL-9 activities done during DT fencing
CUL-09b	PC	Submit feature records and a letter report written by the CRS, evidencing that the field portion of data recovery at each particular feature has been completed, evaluating whether the feature contributes to the overall eligibility of the property consisten with the requirements of the CRMMP. When the CPM approves the letter report, GD may begin at the feature location(s) that are the subject of the letter report.	Submit to the CPM for review and approval the feature records and a letter report written by the CRS.	Feature Records/Letter Report to CPM	At least 60 days prior to GD	1/31/14			
CUL-11a	PC	Submit conceptual plans for the Historic Interpretive Area to Western, BLM, and Riverside County for review and comment, and to the CPM for review and approval. Review condition for required elements within the plan.	Submit conceptual plans for the Historic Interpretive Area to Western, BLM, and Riverside County for review and comment, and to the CPM for review and approval.	Conceptual Plan	At least 30 days prior to the start of construction	Complete	7/25/11	2011-055 to CEC, 2011-058 to County, 2011-	Approved by CEC 8/1/11
CUL-13c	PC	The production company shall take the initial aerial footage of the remains of the Rice AAF and Camp Rice facilities along with representative features and training fields surrounding the project area, as necessary to convey the context of the Rice AAF and Camp Rice within the DTC/C-AMA. The original acquisition format shall be high definition, 16X9, 1080p digital format, using broadcast-level cameras and lenses. The aerial documentation shall be photographed using a television motion picture, industry-accepted camera stabilization system, mounted to a helicopter.	Take the initial aerial footage.	Aerial footage	Prior to the start of site mobilization	Complete		N/A	Complete
GEN-02	PC	Before submitting the initial engineering designs for CBO review, furnish the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list. The master drawings and master specifications list shall contain a list	Submit to the CBO and to the CPM the schedule, the master drawings, and the master specifications list of documents for review and approval. These documents shall be the pertinent	Master drawing and spec list to CBO	At least 60 days (or a project owner- and CBO-	Complete	7/28/11	2011-056	Approved by CEC on 8/15/11
GEN-04a	PC	Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in the conditions of certification in the Transmission System Engineering section of this document. The RE may delegate responsibility for portions of the project to other registered engineers. Registered	Submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time	Complete	7/13/11	Submitted to CBO by WP.	Approved by CBO on 7/29/11
GEN-04b	PC	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	If the RE or the delegated engineer(s) is subsequently reassigned or replaced, the project owner has five days to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Resumes and registration #s to CBO	Within five days of the approval	Complete	8/1/11	2011-073 Resubmitted by WP in 2013 2013-007	Approved by CBO 7/31/13

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GEN-05a	PC	Assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering geologist. The tasks performed by the civil, mechanical, electrical, or design engineers may be divided between two or more engineers, as long as each engineer is responsible for a particular segment of the project (for example, proposed earthwork, civil structures, power plant structures, equipment support). No segment of the project shall have more than one responsible engineer. The transmission line may be the responsibility of a separate California registered electrical engineer.	Submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologist assigned to the project. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading	Complete	8/1/11	Resubmitted to CBO by WP 2013-007	Approved by CBO 7/31/13
GEN-05b	PC	Assign at least one of each of the following California registered engineers to the project: a design engineer who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; a mechanical engineer; and an electrical engineer. The tasks performed by the civil, mechanical, electrical, or design engineers may be divided between two or more engineers, as long as each engineer is responsible for a particular segment of the project (for example, proposed earthwork, civil structures, power plant structures, equipment support). No segment of the project shall have more than one responsible engineer. The transmission line may be the responsibility of a separate California registered electrical engineer.	Submit to the CBO for review and approval, resumes and registration numbers of the responsible design engineer, mechanical engineer, and electrical engineer assigned to the project. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction	Complete		Resubmitted to CBO by WP 2013-007	Approved by CBO 7/31/13
HAZ-04	PC	Prepare a site-specific Construction Site Security Plan for the construction phase. The Construction Security Plan shall include the following: 1. Perimeter securityc onsisting of fencing enclosing the construction area; 2. Security guards; 3. Site access control consisting of a check-in procedure or tag system for construction personnel and visitors; 4. Written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on-site or off-site; 5. Protocol for contacting	Notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Construction Security Plan	At least 30 days prior to commencing construction	Complete	8/31/11	2011-085	Approved by CEC 9/14/11
LAND-01	PC	Adjust the boundaries of all parcels or portions of parcels that constitute the Rice Solar Energy Project site, identified in the project Application for Certification (AFC) as Riverside County Assessor's Parcel Numbers 801-070-003, 801-070-004, 801-100-005, and 801-100-006, excepting all project elements within the Bureau of Land Management (BLM)-approved, project-related Rights-of-Way (ROWs) and linear easements, or other independent ROWs or privately held easements, as necessary to merge all properties into a single parcel, under single control and ownership, in accordance with provisions and procedures set forth in the County of Riverside's Ordinance #460.151; Ordinance #348, §§15.1 and 15.2; and the Comprehensive General Plan of Riverside County	Submit evidence to the CPM indicating approval of the parcel merger by Riverside County.	Parcel Merger approval	At least 30 days prior to the start of site preparation and construction	Complete	7/11/11	2011-035	Approved by CEC 8/1/11

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LAND-05a	PC	Submit a development plan that includes all elements normally required for review and permitting of a similar project, including site plan, structural dimensions, design and exterior elevation(s), and proof of any required permits. The project owner shall pay applicable Planning Department fees, if any, for review of the plan.	Submit the proposed development plan to the Riverside County Planning Department to review for substantial conformance with county regulations and comment, and to the CPM for review and approval. The project owner shall also provide the CPM with copies of the transmittal letter to Riverside County and any associated correspondence.	Development Plan to County	At least 90 calendar days prior to the start of construction, including any grading or site remediation on the power plant project site or its associated	Complete	6/27/11	2011-024 (CEC) and 2011-025 (County)	County did not respond; CEC has okayed
LAND-05b	PC	Ensure that all project-related facilities on private lands, including temporary construction parking and laydown area(s), are constructed and operated in compliance with all applicable Riverside County land use laws, ordinances, regulations, and standards, including zoning and building code requirements, except as noted in this document.	Provide copies of any comment letters received from the local jurisdiction, along with any changes to the proposed development plan, to the CPM for review and approval.	Comment letters from County to CPM	At least 30 calendar days prior to the start of construction	Complete			County did not respond; CEC has okayed
LAND-08a	PC	Submit a Construction Parking Plan that includes all specified elements identified in condition of certification LAND-8 and be consistent with Riverside County parking requirements for space size and circulation.	Submit the Construction Parking Plan to the CPM for review and approval.	Plan to CPM	At least 90 days prior to the start of construction	Complete	7/1/11	2011-031 Provided explanation of 52 spaces on 7/24/11	CEC approved 11/21/11
NOISE-01a	PC	Notify all residences and businesses, if any, within three miles of the project site boundaries and one-half mile of linears, by mail or other effective means, of the commencement of project construction. Establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project and include that telephone number in the above notice. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended.	Transmit to the CPM (CPM) a statement, signed by the project owner's project manager, stating that the above notification has been performed and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.	Notification Letter to CPM	At least 15 days prior to the start of GD	3/17/14			
NOISE-01b	PC	This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	Install the sign at the project site and maintain telephone number until the project has been operational for at least one year.	Install sign at site	At least 15 days prior to the start of GD	3/17/14			

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NOISE-03	PC	Submit a noise control program and a statement, signed by the project owner's project manager, verifying that the noise control program will be implemented throughout construction of the project. The noise control program shall be used to reduce employee exposure to high noise levels during construction to comply with applicable OSHA and Cal/OSHA standards.	Submit to the CPM the noise control program and the project owner's project manager's signed statement. Make the program available to Cal/OSHA upon request.	Plan to CPM	At least 30 days prior to the start of GD	Complete	8/10/11	2011-071	Approved by CEC on 8/31/11
PAL-01a	PC	Provide the CPM with the resume and qualifications of its PRS for review and approval. Refer to condition for qualification requirements. If the approved PRS is replaced prior to completion of project mitigation and submittal of the Paleontological Resources Report, obtain CPM approval of the replacement PRS. The project owner shall keep resumes on file for qualified paleontological resource monitors (PRMs). If a PRM is replaced, the	Submit a resume and statement of availability of its designated PRS for on- site work.	Resume and statement of availability to CPM	At least 60 days prior to the start of GD	Complete	6/9/11	2011-002	Approved 6/20/11
PAL-01b	PC	Provide a letter with resumes naming anticipated monitors for the project, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	Submit the requested info to the CPM .	Resumes to CPM	At least 20 days prior to GD	Complete	6/9/11	2011-002	Approved 6/20/11
PAL-02a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant, construction lay-down areas, and all related facilities. Maps shall identify all areas of the project where GD is anticipated. If the PRS requests	Provide the maps and drawings to the PRS and CPM.	Maps/drawings to CPM	At least 30 days prior to the start of GD	Complete	8/2/11	2011-073	Approved by CEC 8/15/11
PAL-03	PC	Ensure that the PRS prepares a PRMMP to identify general and specific measures to minimize potential impacts to significant paleontological resources. The PRMMP shall include but not be limited to items 1-10 listed in the Condition. The PRMMP shall function as the formal guide for monitoring, collecting, and sampling activities and may be modified with CPM approval. This document shall be used as the basis of discussion when on-site decisions or changes are proposed. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	Provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS and acceptance of the PRMMP by the project owner evidenced by a signature. Approval of the PRMMP by the CPM shall occur prior to any GD.	Plan to CPM	At least 30 days prior to GD	Complete	7/26/11	2011-060	Approved by CEC 8/8/11
PAL-04a	PC	The PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen, and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick off for those mentioned above. The WEAP shall address the possibility of encountering paleontological resources in the field, the sensitivity and importance of these resources, and legal obligations to preserve and protect those resources. The training shall include	Submit the proposed WEAP, including the brochure, with the set of reporting procedures for workers to follow. No GD shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM.	WEAP materials to CPM	At least 30 days prior to GD	Complete	7/21/2011 7/27/11	2011-051 Script; 2011-064 Handbook	Approved by CEC 8/8/11
PAL-04b	PC	Following initial training, a CPM- approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern.	Submit the script and final video to the CPM for approval if planning to use a video for interim training.	Script and video to CPM	At least 30 days prior to GD	Complete			Approved by CEC 10/27/11
S&W-01a	PC	Prepare a site specific DESCP that ensures protection of water quality and soil resources of the project site and all linear facilities for both the construction and operation phases of the project. This plan shall address appropriate methods and actions, both temporary and permanent, for the protection of water quality and soil resources, demonstrate no	Obtain the CPM's approval of the site specific DESCP. The DESCP shall be consistent with the grading and drainage plan as required by Condition of Certification CIVIL-1, and relevant portions of the DESCP shall be submitted to the chief building official (CBO)	Plan to CPM	Prior to site mobilization	Complete	6/29/11	2011-029	Approved by CEC on 7/19/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
S&W-01b	PC	Submit a copy of the DESCP to Riverside County and RWQCB for review and comment. The CPM shall consider comments received from Riverside County and RWQCB and approve the DESCP.	Submit a copy of the DESCP to Riverside County and RWQCB or review and comment.	Plan to RWQCB & Riverside County	No later than 90 days prior to start of site mobilization	Complete	7/22/11	2011-045	Approved by CEC 11/8/11
S&W-03a	PC	Develop and implement a Channel Maintenance Program (Program) that provides long-term guidance to implement routine channel maintenance projects and to comply with SOIL&WATER-1 in a feasible and environmentally-sensitive manner. The Channel	Coordinate with the CPM to develop the Channel Maintenance Program and submit two copies of the programmatic documentation, describing the proposed Channel Maintenance	Plan to CPM	At least 60 days prior to the start of any project-	Complete	6/24/11	2011-026	Approved by CEC on 7/12/11
S&W-03b	PC	Provide written notification that they plan to adopt and implement the measures identified in the approved Channel Maintenance Program.	Submit the required information to the CPM.	Notification Letter to CPM	At least 60 days prior to the start of any project-related site disturbance activities	8/2/13	8/1/13	2013-005	
S&W-04a	PC	Pre-Well Installation: Construct and operate up to two on-site groundwater wells that produce water from the Rice Valley Groundwater Basin, and ensure that the wells are completed in accordance with all applicable state and local water well construction requirements.	Submit a Groundwater Monitoring and Management Plan to Riverside County for review and comment (see Condition of Certification SOIL&WATER-6).	Plan to Riverside County	No later than 60 days prior to the use of groundwater for site construction	Complete	6/20/11	2011-017	Approved by County
S&W-05b	PC	Install and maintain metering devices as part of the water supply and distribution system to document project water use and to monitor and record in gallons per month the total volume(s) of water supplied to the project from this water source. The metering devices shall be operational for the life of the project.	Submit to the CPM a copy of evidence that metering devices have been installed and are operational.	Photo of installed meter to CPM	At least 60 days prior to the start of construction	Complete	8/7/11	2011-074	Approved by CEC 9/12/11
S&W-06a	PC	Prepare and submit a Groundwater Level and Quality Monitoring and Reporting Plan. The Plan shall include a scaled map showing the site and vicinity, existing well locations, and proposed monitoring locations (both existing wells and new monitoring wells proposed for construction). The map shall also include relevant natural and anthropogenic features (existing and proposed as part of this project). The plan also shall provide: (1) well construction information and borehole lithology for each existing well proposed for use as a monitoring well; (2) description of proposed drilling and well installation methods; (3) proposed monitoring well design; and, (4) schedule for completion of the work.	Submit a Groundwater Level and Quality Monitoring and Reporting Plan to the CPM for review and approval.	Plan to CPM	At least 6 weeks prior to construction	Complete	6/17/11	2011-015	Approved 7/15/11
S&W-06b	PC	Submit a Well Monitoring Installation and Groundwater Level Network Report. The report shall include a scaled map showing the final monitoring well network. If applicable, it shall document the drilling methods employed, provide individual well construction as-builds, borehole lithology recorded from the drill cuttings, well development, and well survey results. The well survey shall measure the location and elevation of the top of the well casing and reference point for all water level measurements, and shall include the coordinate system and datum for the survey measurements. Additionally, the report shall describe the water level monitoring equipment employed in the wells and document their deployment and use.	Submit a Well Monitoring Installation and Groundwater Level Network Report to the CPM for review and approval.	Report to CPM	At least 4 weeks prior to construction	Complete	8/31/11	2011-084	Approved by CEC 10/3/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
S&W-06c	PC	Baseline groundwater quality and groundwater level monitoring data shall be reported to the CPM. The report shall include the following: 1. An assessment of pre-project groundwater levels in the upper and lower aquifer, a summary of available climatic information (monthly average temperature and rainfall records from the nearest weather station), and a comparison and assessment of water level data relative to the assumptions and spatial trends simulated by the applicant's groundwater model; 2. An assessment of pre-project groundwater quality with groundwater samples analyzed for TDS, chloride, nitrates, major cations and anions, and oxygen-18 and deuterium isotopes. These analyses, and particularly the stable isotope data, can be useful for identifying partially evaporated water sources and assessing their contributions to the quality of water produced by wells	The data shall be tabulated, summarized, and submitted to the CPM. The data summary shall include the estimated range (minimum and maximum values), average, and median for each constituent analyzed. The data shall also be analyzed using the Mann-Kendall test for trend to assess whether pre-project water quality trends, if any, are statistically significant.	Data summary to CPM	At least 4 weeks prior to beginning groundwater pumping for project construction	Complete	8/31/11	2011-084	Approved by CEC 10/3/11
TRANS-01	PC	Consult with Riverside County, San Bernardino County, and/or Caltrans and prepare and submit to the CPM (CPM) for approval a Construction Traffic Control Plan and implementation program. The Traffic Control Plan shall be prepared in accordance with Caltrans Manual on Uniform Traffic Control Devices and the WATCH Manual and shall include but is not limited to the issues outlined in the condition.	Provide to the CPM a copy of the Construction Traffic Control Plan and implementation program documents for review and approval.	Plan to CPM	At least 30 days prior to site mobilization	Complete	6/29/11	2011-028	Approved by CEC on 7/20/11
TRANS-03a	PC	Photograph, videotape, or digitally record images of the roadways that will be affected by all heavy construction traffic and utility line construction.	Provide to the CPM a copy of all photograph, videotape, or digitally record images of the roadways. Additionally, provide the CPM, Riverside County, San Bernardino County, and/or Caltrans with a copy of the images for the roadway segments under its jurisdiction.	Roadway video to CPM and images to Counties and Caltrans	At least 30 days prior to site mobilization	Complete			6/20/13 CPM confirms no video needed for Rice
VIS-03a	PC	To address potential impacts to motorists on SR 62 during and after the period of project construction, all construction laydown, administration, parking and other construction-related facilities shall be setback from SR- 62 a minimum of 100 feet, or greater where feasible. The soil surface and vegetation of the set-back area south of the highway shall remain undisturbed to the maximum extent feasible, except to accommodate the minimum practical number of access drive-ways, or to enhance existing native vegetation. All construction-related lighting shall be shielded, downwardly directed, with all direct lighting limited to within the project site	Present to BLM's Authorized Officer and the CPM a revised staging area site plan including a set-back from SR-62 of at least 100 feet. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM. The project owner shall not begin construction until receiving CPM approval of the revised plan.	Staging Area Site Plan to BLM and CPM	At least 90 days prior to start of construction	Complete	6/15/11 6/15/11	2011-012 to CEC 2011-014 to BLM	Similar work product to BIO-21a Approved by CEC on 6/23/11
WASTE-01	PC	Provide the resume of an experienced and qualified professional engineer or professional geologist, who shall be available during site characterization (if needed), demolition, excavation, and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. The professional engineer or professional geologist shall be given authority by the project owner to oversee any earth moving activities that have the potential to disturb contaminated soil and impact public health, safety and the environment	Submit the resume to the CPM for review and approval.	Resume to CPM	At least 30 days prior to the start of site mobilization	Complete	6/9/11	2011-001	Approved by CEC on 6/9/11
WASTE-03	PC	Prepare a Construction Waste Management Plan for all wastes generated during construction of the facility. The plan shall contain, at a minimum, a description of all construction waste streams, including projections of frequency, amounts generated, and hazard classifications; and management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans. The applicant shall strive to achieve at least a 50% reduction of waste construction and demolition materials by reuse and recycling to meet landfill waste diversion goals consistent with the Integrated Waste Management Act of 1989.	Submit the Construction Waste Management Plan to the CPM for approval.	Plan to CPM	No less than 30 days prior to the initiation of construction activities at the site	Complete	7/5/11	2011-033	Approved by CEC on 8/24/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
WASTE-04a	PC	Prepare Unexploded Ordnance (UXO) Identification, Training and Reporting Plan to properly train all site workers in the recognition, avoidance and reporting of military waste debris and ordnance. The plan shall contain, at a minimum, a description of the training program outline and materials, and the qualifications of the trainers; and identification of available trained experts that will respond to notification of discovery of any ordnance (unexploded or not); and a work plan to recover and remove discovered ordnance, and complete additional field screening	The UXO work plan will possibly include geophysical surveys to investigate adjacent areas for surface, near surface or buried ordnance in all proposed land disturbance areas.	Plan to CPM	No less than 60 days prior to the initiation of construction activities at the site	Complete			Approved by CEC on 10/27/11
WASTE-04b	PC	The UXO work plan will possibly include geophysical surveys to investigate adjacent areas for surface, near surface or buried ordnance in all proposed land disturbance areas.	Submit the results of geophysical surveys to the CPM.		Within 30 days of completion of the surveys	10/30/13			
WASTE-05	PC	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency (USEPA) prior to generating any hazardous waste during project construction and operations. Keep a copy of the identification number on file at the project site and provide documentation of the hazardous waste generation and	Submittal of the notification and issued number documentation to the CPM is only needed once unless there is a change in ownership, operation, waste generation, or waste characteristics that requires a new notification to USEPA. Documentation of any	Haz Waste ID # to CPM	Prior to generating any hazardous waste	3/2/14			
WORKER-SAFETY-01a	PC	Submit a copy of the Project Construction Safety and Health Program containing the following construction plans: PPE Program, Exposure Monitoring, IIPP, EAP, FPP, and Heat Stress Protection Plan.	Submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program.	Plan to CPM	At least 30 days prior to the start of construction	Complete	9/12/11	2011-088	Approved by CEC 9/14/11
WORKER-SAFETY-01b	PC	The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Riverside County Fire Department for review and comment prior to submittal to the CPM for approval.	Submit the EAP and FPP to the RCFD for review and comment prior to CPM submittal.	Plans to County Fire Dept	Send plans to County 60 days prior to start of construction	Complete	7/21/11	2011-048	RCFD approved 8/9/11
WORKER-SAFETY-03a	PC	Provide a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall perform the specific duties listed in the condition.	Submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS). The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Contact info to CPM	At least 60 days prior to the start of site mobilization	Complete	7/5/11	2011-032	Jeremy Barker Approved by CEC on 7/19/11
WORKER-SAFETY-04a	PC	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and CEC safety	Provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	CBO Services Contract to CPM	At least 60 days prior to the start of construction	Complete	7/11/11	2011-034	Approved by CEC on 7/19/11
WORKER-SAFETY-05a	PC	Ensure that a portable automatic external defibrillator (AED) is located on site during construction and operations and implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times. During construction and commissioning, the following persons shall be	Submit to the CPM proof that a portable automatic external defibrillator (AED) exists on site and a copy of the training and maintenance program for review and approval.	Evidence of purchase of AED and training plan to CPM	At least 60 days prior to the start of site mobilization	Complete	7/21/11	2011-043	Approved by CEC on 8/10/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
WORKER-SAFETY-06a	PC	Provide a second access gate for emergency personnel to enter the site. This secondary access gate shall be at least one-quarter mile from the main gate, and provide a second access road that comes to the site. This road shall be at a minimum an all-weather gravel road, at least 20 feet wide, and with culverts to direct flow under the road at any wash the road may cross.	Submit to the Riverside County Fire Department and the CPM preliminary plans showing the location of a second access gate to the site, a description of how the gate will be opened by the fire department, and a description and map showing the location, dimensions, and composition of the main road, and the gravel road to the second gate.	Plans to County Fire Dept and CPM	At least 60 days prior to the start of site mobilization	Complete	7/12/2011 7/12/11	2011-038 to CEC 2011-039 to RCFD	Approved by CEC on 7/19/11
WORKER-SAFETY-06b	PC	Maintain the main access road and the second road and provide a plan for implementation. Plans for the secondary access gate, the method of gate operation, gravel road, and to maintain the roads shall be submitted to the Riverside County Fire Department for review and comment and to the CPM for review and approval.	Submit final plans plus the road maintenance plan to the CPM for review and approval. The final plan submittal shall also include a letter containing comments from the Riverside County Fire Department or a statement that no comments were received.	Plan to CPM	At least 30 days prior to the start of site mobilization	Complete	8/9/11	2011-076	Approved by CEC on 8/10/11
WORKER-SAFETY-07	PC	Fund the project-related share of cumulative impacts by paying the County of Riverside development as required by Condition of Certification LAND-6, property taxes, and a one-time payment of $570,000.	Provide to the CPM documentation that a letter of credit in the amount of $570,000 has been provided to the RCFD.	LOC documentation	At least 30 days prior to the start of site mobilization	3/2/14			$570,000 cash payment due to RCFD
WORKER-SAFETY-08	PC	Develop and implement an enhanced Dust Control Plan that includes the requirements described in AQ-SC3 and additionally requires: a) site worker use of dust masks (NIOSH N-95 or better) whenever visible dust is present; b) implementation of methods equivalent to Rule 402 of the Kern County Air Pollution Control District (as amended Nov. 3, 2004); and c) implementation of enhanced dust control methods (increased frequency of watering, use of dust suppression chemicals, etc. consistent with AQ-SC4)	Submit the enhanced Dust Control Plan to the CPM for review and approval.	Plan to CPM	At least 60 days prior to the commencement of site mobilization	Complete	7/12/11	2011-037	Approved by CEC on 7/19/11
WORKER-SAFETY-09a	PC	During any construction activities, provide onsite: a) an Advanced Life Support Provider who is certified by Riverside Emergency Medical Services (REMS) along with the appropriate equipment and supplies.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval the name and contact information for the Advanced Life Support Provider. The contact information of any replacements shall be submitted to the CPM within one business day, and provide evidence in each Monthly Compliance Report during commercial operation.	Obtain letter from Riverside County or contact info for Advanced Life Support Provider	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
WORKER-SAFETY-09b	PC	During any construction activities, provide onsite a Basic Life Support Ambulance with a California certified driver for use during medical emergency events.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval a letter confirming that the Basic Life Support Ambulance is available and will be onsite during any construction activities and provide evidence in each January Monthly Compliance Report during construction.	Obtain letter from Riverside County or letter from Basic Life Support Ambulance	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11
WORKER-SAFETY-09c	PC	During any construction activities, provide onsite a Memorandum of Understanding (MOU) with REMS for utilization of air medical services.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval proof of its MOU with REMS for air medical service and provide evidence in each January Monthly Compliance Report during construction.	Obtain letter from Riverside County or MOU with REMS	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11
WORKER-SAFETY-11	PC	Provide the CPM with a schedule indicating when construction activities that create the potential for rescue incidents will be ongoing, the type of construction to be done, the names of the rescue team members to be onsite, and documentation showing that the rescue team members have the appropriate training.	Provide to the Safety Monitor (provided for in Worker Safety-04) for review and to the CPM for review and approval A) a schedule indicating when the construction activities will occur; B) a description of the type of construction to be done; C) the names of the rescue team members to be onsite; and D) documentation showing that the rescue team members have the appropriate	Construction schedule of activities that may require rescue	At least 60 days prior to the commencement of any construction activities that create the	Complete	8/1/11	2011-072	CEC approved 9/12/11

Exhibit B

WEAP Certifications/Sign-In Sheets

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
1.	CAL PAC Drilling	Samuel Adame		9-16-13
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Trainer: NATE JONES Signature: _____ Date: 09 / 16 / 2013

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
1.	Jason Tilley	United Rentals	[signature]	9-16-13
2.	Jim Aten	United Rentals	[signature]	9-16-13
3.	Soto Risoporto	JDK	[signature]	9-16-13
4.	Guillermo Ascencio	JDK	[signature]	9-16-13
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Trainer: Mercy Vaughn Signature: [signature] Date: 9/16/13

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
1.	Ronny Underwood	LOCAL 12	Ronny Underwood	9-23-13
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Trainer: NATE JONES Signature: _____ Date: 9 / 23 / 2013

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
1.	Dave Privol	SBI		9/27/13
2.	Paul Fuchs	SBI		9 27 13
3.	Patricia Seamount	SBI		9/27/13
4.	Michael Gallagher	SBI		9/27/13
5.	ANDREW WRACHER	SBI		9/27/13
6.	Nancy Wiley	SBI		9/27/13
7.	Lyndsay Hupp	SBI		9/27/13
8.	MILLE SALLY	SBI		9.27.13
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Trainer: _____ Signature: Mercy Vaughn Date: 9/27/13

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
1.	Arindam Barkataki	Terracon		9-30-2013
2.	Alex Turcios	JET Drilling		9-30-2013
3.	ALFREDO MERCADO	JET DRILLING		9-30-13
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Trainer: NATE JONES Signature: _____ Date: 09 / 30 / 2013

Exhibit C

Cultural Resources Monitoring Report

Rice Solar Energy Project
Monthly Report of Cultural Resources Monitoring Activities per COC CUL-7 October 2013

Prepared For: Doug Davy, AFC Project Manager

Prepared By: Aaron Fergusson, Designated Cultural Resource Specialist

Reporting For Period: September 16 – October 15, 2013

This report covers cultural resources monitoring activities at the Rice Solar Energy Project for the period between September 16 and October 15, 2013, as required by Condition of Certification CUL-7.

Personnel Active in Cultural Monitoring This Period

Aaron Fergusson participated as on-call CRS for this reporting period. Erica Maier and Art Ruelas participated as CRMs in the field this reporting period.

Monitoring and Associated Activities This Period

Desert Tortoise fence installation was wrapped up last reporting period, except for the gate at the entrance to the site which was monitored by Art Ruelas on 9/19/13. Art Ruelas and Erica Maier accompanied drilling crews conducting geotechnical boring until that task was wrapped up on 9/20/13. No monitoring was conducted after 9/20/13 until October 1 when additional drilling began. Art Ruelas monitored daily from 10/1 to 10/9.

Cultural Resources Discoveries This Period

None.

Anticipated Changes in the Next Period

No ground disturbance is planned for the next reporting period, there will be no monitoring necessary.

Comments, Issues or Concerns

None.

Exhibit D

Paleontological Resources Specialist Report

TECHNICAL MEMORANDUM

Analysis and Provenance of an Isolated Fossil Bone Fragment recovered from the Rice Solar Energy Project (RSEP)

TO: Doug Davy, AFC Project Manager

COPIES: Andrea Grenier, Environmental Project Manager

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On September 11, 2013 Arthur Ruelas, the cultural resources monitor present at the Rice Solar Energy Project (RSEP), recovered an isolated bone fragment from the surface of the alluvial fan while monitoring the permitted water discharge from a Baker tank. The specimen's location places it on a poorly to moderately developed desert pavement surface that was extensively disturbed in the mid-twentieth century, and it came from the surface or very-near surface. It was recognized immediately as an isolated fossil out of context but, to be certain, the area 5 meters around the location of the find was carefully expected to assure no further bone fragments were present. The find and daily log for that day were forwarded to the project Paleontological Resources Specialist (PRS).

Regulatory Context

Paleontological resources (fossils) are non-renewable scientific and educational resources protected by federal and California State laws when a project requires a discretionary permit from a federal or state agency such as the Bureau of Land Management or the California Energy Commission (CEC). Accordingly, the CEC (2010) Decision licensing the RSEP contained seven Conditions of Certification (COCs) related to paleontological resources identification and mitigation (PAL-1 through PAL-7). To comply with PAL-1 SolarReserve retained a PRS, who in turn prepared the Paleontological Resources Monitoring and Mitigation Plan (PRMMP) (CH2M HILL, 2011). The PRMMP is required under COC PAL-3. In addition, a paleontological resources awareness module was prepared for the Worker Environmental Awareness Training (WEAP) that has been shown to all workers (including monitors) before working at the site, in accordance with PAL 4.

Given the fact that the RSEP project area possesses only low paleontological sensitivity, the final and approved PRMMP contains the following statement:

> With the exception of the paleontological resources module of the Worker Environmental Awareness Program (WEAP), this PRMMP will not be implemented until, in the opinion of the project Paleontological Resources Specialist (PRS), the potential exists for construction to affect paleontologically sensitive sediment, pursuant to Conditions of Certification (COC) PAL-3 and PAL-4 (CH2M HILL, 2011, Sec. 1.2)

Given that the find discussed here (see below) originated outside of the RSEP project site, and therefore does not speak to the paleontological sensitivity of the RSEP project area, there remains no basis to implement the RSEP PRMMP.

Description of the Specimen

The specimen is a tabular bone and was received in two large and one small fragments that all fit together. The maximum width of the refitted specimen is 4.4 cm, and its maximum thickness is 7.1 mm. It is ringing hard again glass or steel, evidence of its lithified nature. Microfractures exposed by a recent break appear filled with silicate. One side of this tabular specimen is polished and relatively smooth (designated the obverse for the sake of this analysis), and the other side (the reverse) is dull and knobbly. Secondary carbonate accretions contain a polymineralic poorly sorted, highly angular sand consistent with an alluvial fan environment.

The detailed morphology of the bone surface is evident on the obverse (Figure 1), and largely obscured on the reverse side. The morphology of the bone on the reverse side is obscured by a well-developed calcium carbonate rind that is absent from the well-polished obverse side (Figure 1). The bone exhibits an edge or process (arrows in Figure 1) to which the bone slopes down, forming an acute angle in cross section. In plan view the bone slopes up to a crest (dashed outline in Figure 1), which in turn is occupied by a broad (3-4 mm), shallow curvilinear groove or channel.

Interpretation

This specimen is a vertebrate bone fragment that has undergone lithification (fossilization), with the bone appearing to have been at least partly replaced by silica (SiO_2). Its tabular shape dictates that, as it rests on the ground, it will have a well-defined "up" (obverse) and "down" side (reverse). Like virtually any clast on a mature desert pavement surface, this fragment displays a well-developed calcium carbonate rind on its reverse; known from soils studies to be the product of exposure for millennia on an alluvial fan surface in the desert.

Accordingly, the obverse is well polished, with a luster typical of the "upside" of siliceous clasts lying on a well developed desert pavement.

Geoarchaeological sensitivity studies of the RSEP project area located a well developed Pleistocene soil only several centimeters to a few tens of centimeters below the surface of the Turtle Mountains alluvial fan, where the site and this find are located. The alluvium mantling this Pleistocene soil, itself developed in older alluvium, is the product of post-glacial erosion of the highlands to the north, most of which is thought to have occurred during the early Holocene (ca. 11-8 ka) when climate change and desertification stripped the surrounding mountains of their mantling soils. Because there are no fossil-bearing sediments nearby, the specimen cannot be locally derived, and it appears to have been transported to the site as part of the alluvial bedload from the Turtle Mountains to the north. The specimen was lithified before transport to the site; the carbonate rind on its underside developed after the fossil's secondary deposition at the site.

The identity of this fragmentary vertebrate fossil cannot be firmly established. Its general morphology accords with that expected from a desert tortoise (*Gopherus agassizii)* plastron gular scute, but that cannot be confirmed due to lack of reference material. Given its

inferred geomorphic history and condition it is likely to be Plio-Pleistocene in age and therefore may represent a particularly old record of the species in the Colorado Desert. Nevertheless, its geomorphic history and age can only be inferred, not conclusively demonstrated.

Conclusions

What can be demonstrated is that this fossil bone fragment is an isolated alluvial clast and not indicative of the presence of a paleontological site or of paleontologically productive sediment. This is consistent with the alluvial fan setting of the find, the shallow depth to Pleistocene soils here, and the absence of fossiliferous sediments. It was transported by natural processes to the site from farther upslope, possibly during the early Holocene. However, its actual provenance cannot be determined, nor can its stratigraphic context and age. Geomorphological considerations provide insight on how the specimen got to where it was found; they do not speak to its actual age or origin. Without reliable information on its age or stratigraphic context this specimen possesses no scientific value.

As noted above, because this find originated elsewhere, and therefore does not speak to the paleontological sensitivity of the RSEP project area, there remains no basis to implement the RSEP PRMMP.

References Cited

California Energy Commission (CEC), 2010. *Rice Solar Energy Project Commission Decision.* CEC-800-2010-019 CMF, Docket 09-AFC-10. Sacramento, CA.

CH2M HILL, 2011. *Paleontological Resources Monitoring and Mitigation Plan Rice Solar Energy Project (09-AFC-10).* CH2M HILL, Sacramento, CA.

Figure 1. The obverse side of the isolated fossil recovered at the RSEP. “f” indicates foramina in the surface of the bone; arrows indicate the acute edge or process that is a life feature (a bony process or ridge); dashed lines delimit the wide groove or channel that runs along the crest of the specimen. The natural striations in the bone surface that extend to the lower left have their origin on the edge of that crest. Note the polished surface; likely a product of ventifaction and(or) desert varnish development.