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National Programs Group
Power and Industrial Sector
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June 11, 2020

Keith Winstead, CEC Compliance Project Manager
California Energy Commission
Siting Transmission and Environmental Protection
1516 Ninth Street, MS 15
Sacramento, CA 95814-5512

Subject: Monthly Compliance Reports (MCR) for May 2020

Dear Mr. Winstead:

On behalf of Inland Empire Energy Center, LLC, ATC Group Services (ATC) is pleased to submit the May 2020 Monthly Compliance Report (MCR) for the IEEC Demolition Project. This MCR is being provided to comply with requirements set forth in the Decommissioning and Demolition Plan for the IEEC, dated June 20, 2019 (Docket No. 01-AFC-17C). This MCR consists of the following specific documents, included as attachments to this submittal letter:

Attachment A - Air Quality Construction Mitigation Report
Attachment B - Monthly Biological Monitoring Report

Thank you and please call me with any questions or clarifications.

Sincerely,
ATC Group Services LLC

Jim Nuccio
Cc: IEEC/GE Power Project Team

Attachment A

Air Quality Construction Mitigation Monthly Report – May 2020

AIR QUALITY CONSTRUCTION MITIGATION REPORT

IEEC DEMOLITION PROJECT

MONTHLY REPORT MAY 2020

Pursuant to Condition AQ-SC3 issued by the California Energy Commission (CEC) for the decommissioning of the Inland Empire Energy Center (IEEC) project, this report details the compliances status of the project for May, 2020 with respect to the various air quality mitigation conditions that govern the project. This report has been prepared by the Air Quality Compliance Mitigation Manager (ACQMM), Mr. Paul Weir, Senior Air Quality Engineer, and evaluates the areas discussed below.

1a. Compliance Status of Mobile Off-Road Equipment

A total of eighteen (18) Equipment Tags have been issued for individual diesel fueled mobile off-road vehicles to operate at the site. Most of these vehicles had already left the site by the end of May.

This equipment consists of the following off-road vehicles, as more fully detailed in ATTACHMENT 1A:

8 Excavators (only 4 of which were present at the site at the end of May)
2 Front-End Loaders (only 1 present at the site anytime during May)
5 Skid-Steer Loaders (only 2 of which were still present at the site at the end of May)
1 Forklift
1 Aerial Lift (not present at the site anytime during May)
5 Boom Lifts (only 2 of which were still present at the site at the end of May)

1b. Compliance Status of Portable Equipment

A total of (4) Equipment Tags have been issued for pieces of diesel fueled portable equipment; however only 2 pieces were present at the site at the end of May, also as more fully in ATTACHMENT 1B:

1 Generator Set (75 KW)
3 Air Compressors (185 CFM) (only 1 air compressor was still present at the end of May)

All mobile off-road equipment, as well as all portable equipment, present at the IEEC project during May, 2020 was found to be in compliance with the various California Diesel-Fueled Fleet Regulations. All mobile off-road equipment and portable equipment present at the site was inspected daily to verify the presence of the Equipment Tags. Fuel records were inspected weekly to determine the fuel consumption of each piece of equipment and fuel invoices were reviewed semi-monthly to verify that all diesel fuel met the California Air Resources Board (ARB) standards for ultra-low sulfur diesel fuel of 15 PPM sulfur.

Examples of typical fuel invoices from the two fuel vendors (Dion and Sons and Flyer Energy) are found in ATTACHMENT 2. Copies of all fuel invoices are kept available for review in the ATC office located at the site.

2. Compliance Status of Mobile On-Highway Vehicles

An additional Certificate of Reported Compliance, as issued by the California ARB for the following on-road vehicle fleet that will operate at the IEEC project, was received and reviewed:

- Bejac Corporation Fleet ID 29928 Expires December 31, 2020

All of the on-road vehicle fleets currently being utilized at the IEEC project were found to be in compliance with the California ARB Truck and Bus Regulation for on-road vehicles.

3. Compliance with Visible Emission Standards

Observations of all on-site demolition activities were conducted during each day of operation by State of California ARB Certified Visible Emission Evaluator (VEE) Andy Pulido. Observations were often conducted for multiple hour intervals for both demolition activities and the loading of demolished material into haul trucks for removal from the site.

The demolition work accomplished in May, 2020 consisted primarily of continuing to remove equipment from Units 1 and 2, as well as the operational courtyard, and the demolition of the feed water pump enclosure for Unit 2. Additional work involved sorting and processing of steel and debris for off-site removal, with approximately 1,500 tons of material being loaded into trucks and then hauled off-site in the month of May.

All demolition activities were found to be in compliance with the following two project conditions:

1) No visible emissions of greater than 20% at the specific activity being observed
2) No visible emissions crossing the property line

All observed loading of demolished material into haul trucks for removal from the site was accomplished with no visible emissions.

4. Additional Comments on Compliance

A. All interior traveled surfaces subject to vehicle traffic were kept sufficiently clean or were watered to prevent dust emissions of greater than 20% opacity at any time, and to keep any visible dust emissions from crossing the property line.

B. Pre-watering occurred for all components that were scheduled for demolition. In addition, watering of the various structures continued during actual demolition, with additional water being applied, as needed, to the demolished materials before and during loading into on-highway trucks for removal from the site.

ATTACHMENT 1
MAY 2020

STATUS OF DIESEL FUELED EQUIPMENT AUTHORIZED AT SITE

A. MOBILE OFF-ROAD EQUIPMENT

EQUIPMENT TAG	MAKE & MODEL	ON-SITE? AT START OF MONTH	ON-SITE? AT END OF MONTH
EXCAVATORS			
ME-1-01-A	75X3 LINKBELT	YES	NO
ME-1-02-D	1200 HITACHI	YES	YES
ME-1-03-A	490 LINKBELT	NO	NO
ME-1-04-A	350X4 LINKBELT	YES	NO
ME-1-05-A	870 HITACHI	YES	YES
ME-1-06-A	350 LINKBELT	NO	NO
ME-1-07-A	750 LINKBELT	YES	YES
ME-1-089-A	490 LINKBELT	NO	YES
FRONT-END LOADERS			
ME-4-01-A	JOHN DEERE 544L	NO	NO
ME-4-02-A	JOHN DEERE 544L	NO	YES
SKID-STEER LOADERS			
ME-5-01-E	T590 BOBCAT	YES	NO
ME-5-02-E	T550 BOBCAT	NO	NO
ME-5-03-E	S750 BOBCAT	NO	NO
ME-5-04-E	S740 BOBCAT	YES	YES
ME-5-05-E	S750 BOBCAT	YES	YES
FORKLIFTS			
ME-7-01-E	12 K GRADEALL	YES	YES
BOOM LIFTS			
ME-8-01-E	JLG 600S	YES	YES
ME-8-02-E	SKYJACK	NO	NO
ME-8-03-E	GENIE	NO	NO
ME-8-04-E	SKYJACK SJ86T	NO	NO
ME-8-05-E	GENIE S-85	NO	YES
AERIAL LIFTS			
ME-9-01-E	JLG 600 AJ	NO	NO

B. PORTABLE EQUIPMENT

EQUIPMENT TAG	MAKE & MODEL	ON-SITE? AT START OF MONTH	ON-SITE? AT END OF MONTH
GENERATOR SETS			
PE-1-01-A	75 KW GEN-SET	YES	YES
AIR COMPRESSORS			
PE-2-01-F	185 CFM SULLAIR	YES	YES
PE-2-02-F	185 CFM SULLAIR	NO	NO
PE-2-03-F	185 CFM ATLAS COPCO	NO	NO

Attachment B

Monthly Biological Monitoring Report – May 2020

Sapphos environmental inc.

June 5, 2020
Job Number: 1104-015
IEEC Decommissioning - Monthly Monitoring Report

MEMORANDUM FOR THE RECORD
2.6 1104-015.M04

TO: ATC Group Services LLC
(Mr. Jim Nuccio)

General Electric Power
(Mr. Frank Escobedo)

Final Report will be transmitted to:
California Energy Commission

FROM: Sapphos Environmental, Inc.
(Ms. Paulette Loubet)

SUBJECT: Monthly Monitoring Report – May 2020

FIGURES:
1. Regional Vicinity Map
2. Biological Resources Observations

ATTACHMENTS:
1. Pre-Demolition Biological Survey Forms
2. Environmental Training Program Sign-In Sheet
3. Incident Report Form

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EXECUTIVE SUMMARY

This Memorandum for the Record (MFR) serves as the Monthly Biological Monitoring Report for the Inland Empire Energy Center (IEEC) Decommissioning and Demolition Project (Project) for the month of May 2020. As directed by the California Energy Commission (CEC) in accordance with the revised Closure Plan, Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), and the IEEC Closure Plan Staff Analysis and Recommendation prepared for the project, the Monthly Monitoring Report was prepared by the Designated Biologist (DB). Activities included weekly site checks conducted May 4, 11, 18, and 26, 2020. The DB also provided construction monitoring on May 26, 2020 for work occurring near an active nest buffer.

As part of the CEC approval of this project, activities must maintain compliance with mitigation measures identified in the BRMIMP. Implementation of these conditions of certification and the updated BRMIMP in the revised Closure Plan would ensure that closure activities comply with applicable LORS and would not result in significant impacts to biological resources.

The weekly site checks and monitoring were performed by the Sapphos Environmental, Inc. DB (Ms. Paulette Loubet). During the weekly site checks, the DB verified that no active bird nests were present within any equipment or structures scheduled for demolition or that would be impacted within the surrounding area. As part of the Project kick-off, a Worker Environmental Awareness Program (WEAP) was presented to all crew members at the first day tailboard on February 24, 2020.

On May 11, 2020, while checking on the barn owl nest box, the DB observed two dead chicks under the nest box and two live chicks in the cooling tower basin approximately 30 feet away. The live chicks were transported to a local wildlife rescue. The nest box was inspected, classified as inactive, the Environmentally Sensitive Area (ESA) buffer was removed, and the entrance was closed to prevent further nesting attempts. On May 26, 2020, a new house finch nest was observed and a 50-foot buffer was put into place. Additionally, a new American kestrel nest was observed in the eastern arm of a transmission tower in the southeast corner. This structure is located outside of the Project boundary and more than 250 away from any structures planned to be removed; therefore, no buffer was established.

When Project activities were scheduled to occur near the nest buffers, the DB provided full-time monitoring to observe and document the nesting birds' behavioral reaction to equipment and activities during active construction.

Anticipated Project activities for June 2020 include continued removal of turbine equipment from Units 1 and 2, the start of demolition of the west side of Unit 1, de-tensioning of bolts in both units, clearing and sorting debris to be hauled off-site, as well as various soft demolition activities around the site.

INTRODUCTION

This Memorandum for the Record (MFR) serves as the Monthly Biological Monitoring Report for the Inland Empire Energy Center (IEEC) Decommissioning and Demolition Project (Project) for the month of May 2020. The MFR includes reporting of any marked sensitive biological resource areas established for avoidance, the findings of any Pre-Demolition Surveys, Site Check data forms, Incident & Wildlife Observation Report Forms, and summaries of these records. Activities for the month of May 2020 included four (4) weekly site checks, and monitoring conducted on May 26, 2020.

The IEEC is an existing natural gas-fired, combined-cycle generating facility located in Riverside County, California. The Project is owned and operated by Inland Empire Energy Center, LLC, which is an indirectly wholly owned subsidiary of General Electric Company (GE).

The Demolition scope to be completed includes removal of above-grade structures associated with Unit 1, Unit 2, and the cooling tower including support systems and appurtenances and removal of subsurface concrete pads, sumps, piping and structure (outside the power block footprint) within 12 feet of grade. At the completion of demolition activities, site grade will be returned to datum elevation. All areas excavated during demolition will be backfilled with existing site material and imported clean engineered fill, if necessary, to maintain the required site grade.

PROJECT LOCATION

The Project is located at 26226 Antelope Road, Menifee, California 92585. The Project site is located approximately 6.0 miles west of the City of Hemet, 4.0 miles east of the City of Perris, and 30.0 miles southeast of the City of Riverside (Figure 1, *Regional Vicinity Map*). The Project is located within the U.S. Geological Survey (USGS) 7.5-minute series Romoland topographic quadrangle.[1] The Project is roughly bound by Antelope Road to the northwest, Ethenac Road to the north, McLaughlin to the south, and an open undeveloped lot to the east.

The Project occupies approximately 35 acres within the 45.8-acre Project site. Approximately 24 fenced acres accommodate the power generation facility, a switchyard, a water treatment facility, storage tank areas, a parking area, a control room building, and two (2) storm water retention basins. The remaining 11 acres of the 35 developed acres are comprised of landscaped areas and access roads. The areas surrounding the Project site are also heavily disturbed and used primarily for industrial purposes. The site contains existing mature landscape trees and shrubs along the property line. The site also contains two (2) water retention basins on the south and southeast. Major Project structures and components are depicted in Figure 2, *Biological Resources Observations*.

METHODS

This section describes the methods undertaken by Sapphos Environmental, Inc. biologists to quantify avian species present within the Project area during weekly site checks and actions taken during full-time monitoring. As the whole site has remained active no Pre-Demolition Surveys were conducted in the month of May.

[1] U.S. Geological Survey. [1952] 1967. 7.5-Minute Series Los Angeles Topographic Quadrangle. Reston, VA.

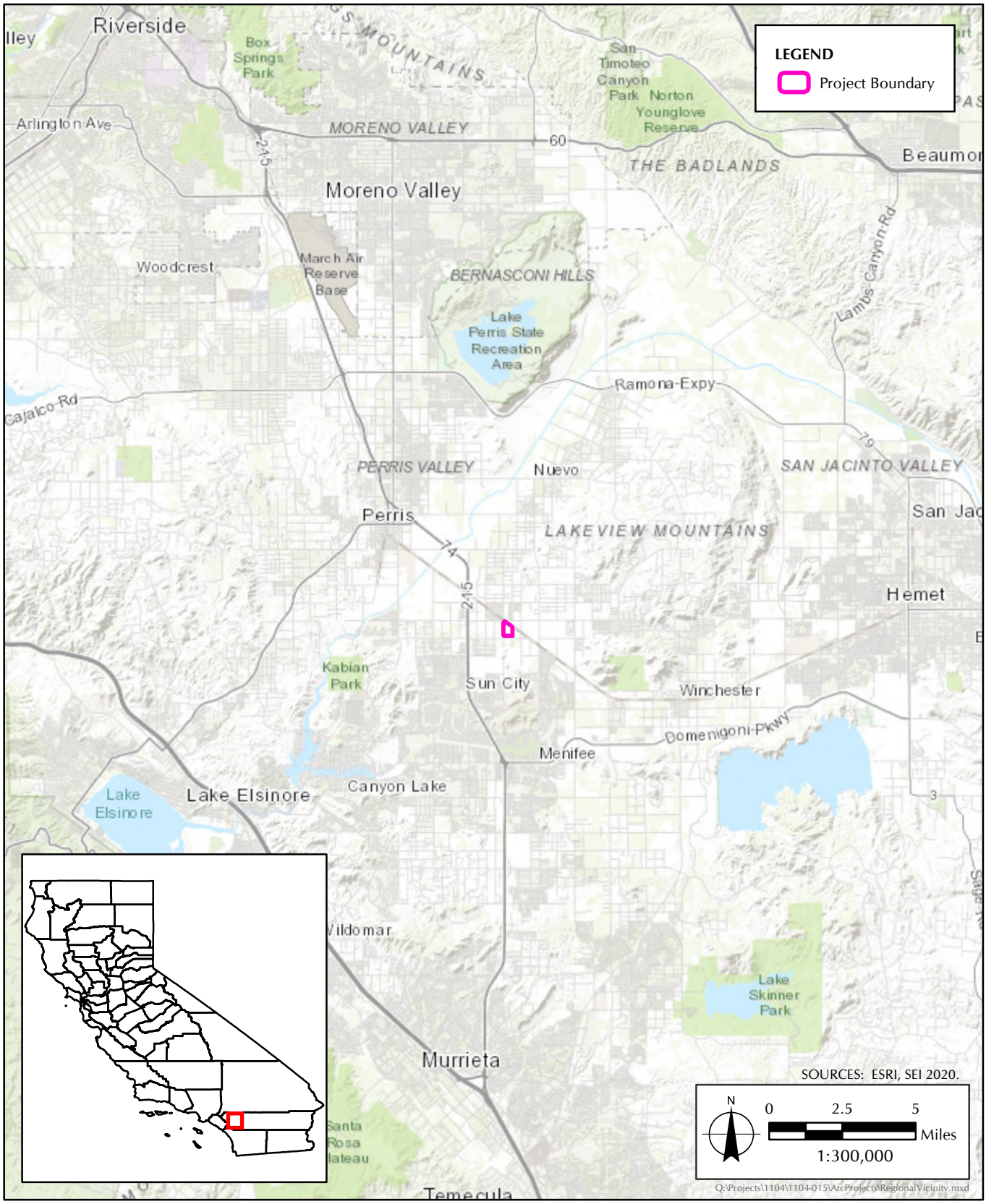


FIGURE 1

Regional Vicinity Map

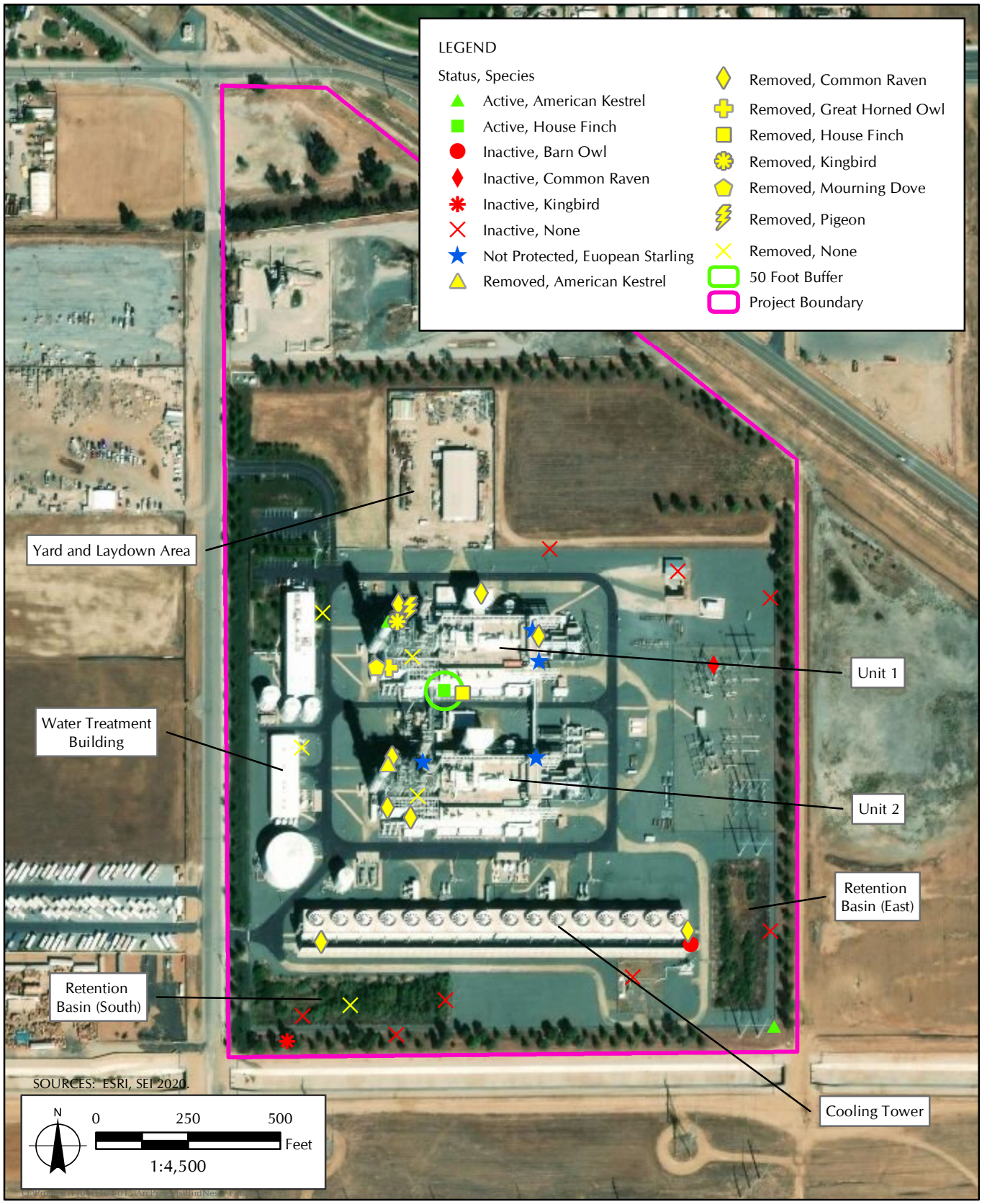


FIGURE 2

Biological Resources Observations

In compliance with the BRMIMP, once the Pre-Demolition Survey was completed and a work area was established, monitoring was reduced to weekly site checks during nesting bird season.

Weekly site checks consist of a pedestrian search by the DB for both direct and indirect evidence of bird nesting. Direct evidence includes the visual identification of an actual nest location. Indirect evidence includes observing birds for nesting behavior, such as copulation, carrying food or nesting materials, nest building, adult agitation or feigning injury, feeding chicks, removal of fecal sacks, and other characteristic behaviors that indicate the presence of an active nest. Each site check was conducted in a single day and included completion of appropriate data forms.

If active songbird or raptor nests were observed within structures scheduled for removal, or within 300 feet of the demolition area, Project activities were suspended within a determined buffer of the nesting until the DB could arrive to monitor. After baseline observations were made by the DB, a species-specific nest buffer was established based on details such as nest location, stage of nesting (i.e., incubation, feeding chicks) and surrounding activities.

During full-time monitoring, the DB implemented and maintained the established ESA buffer, monitored adjacent construction activities, and documented observations of the nesting birds' behavior and reaction to construction. During monitoring, the DB was in direct contact with crews via radio to provide updates.

All observations have been recorded in a database, and a Survey Report Form was generated for each site check and monitoring (Attachment 1, *Pre-Demolition Biological Survey Forms*).

RESULTS

Impact Avoidance Measures

As part of the preparation for the Project kick-off, the WEAP was reviewed and updated to include details related to nesting birds. This information was presented at the first day tailboard on February 24, 2020 to all demolition crew members. The Certificate of Completion signed by all who attended the training is included in Attachment 2, *Environmental Training Program Sign-In Sheet*. No new crew members joined in the month of May.

On May 11, 2020, while checking on the barn owl nest box, the DB observed two dead chicks under the nest box and two live chicks in the cooling tower basin approximately 30 feet away. The live chicks were transported to a local wildlife rescue. The nest box was inspected, classified as inactive, and the entrance was closed to prevent further nesting attempts. Flagging and signage of construction areas and roads have been removed around the barn owl nest box as it was determined to be inactive.

On May 26, 2020, the DB observed house finch sitting low on a nest in a portable building on the south side of Unit 1. The DB implemented specific impact avoidance measures and established ESAs for the one new active nest (Figure 2, *Biological Resources Observations*). The same day, the DB also monitored the nest while construction activities took place near the buffer (Attachment 1: Pre-Construction Survey Form, page 15). Additionally, during the weekly site check on May 26, 2020, the DB observed an active kestrel nest within an transmission tower (Attachment 1: Pre-Construction Survey Form, page 15). Due to the location, no ESA signs were placed.

Areas and Activities Monitored

A summary of the Weekly Site Checks and monitoring is included below (Table 1, *Summary of Activities in May*). All Weekly Site Check and Monitoring Forms are included in Attachment 1.

Figure 2, *Biological Resources Observations,* includes areas surveyed, sensitive biological resources observed and the location of current impact avoidance measures (ESA buffers) established onsite.

TABLE 1
SUMMARY OF ACTIVITIES IN MAY

Date	Time	Staff	Activity in Progress	Crews/ Equipment	Comments	Required Action Items
5/4/2020	0650–1000	DB (Paulette Loubet)	Unit 1 turbine deck and cleaning up debris at various locations onsite.	Water truck, excavator, bobcat, forklift, work trucks	DB (Paulette Loubet) conducted a weekly site check. No new nests were observed.	Inactive, non-raptor, non-special status nests should be removed as needed once approved by the DB. Activities near nest buffers require full-time monitoring.
5/11/2020	0645–1030	DB (Paulette Loubet)	Unit 1 turbine deck and cleaning up debris at various locations onsite. Building larger excavator.	Water truck, excavators, bobcat, forklift, work trucks, cutting torches, gantry crane	DB conducted a weekly site check. Two barn owl chicks were taken to a wildlife rescue. Barn owl nest inactive. No new nests were observed site.	Inactive, non-raptor, non-special status nests should be removed as needed once approved by the DB. Activities near nest buffers require full-time monitoring.

TABLE 1
SUMMARY OF ACTIVITIES, *Continued*

Date	Time	Staff	Activity in Progress	Crews/ Equipment	Comments	Required Action Items
5/18/2020	0645–0945	DB (Paulette Loubet)	Turbine deck of Units 1 and 2. Clean up in courtyard and cooling tower area.	Water truck, excavator, bobcat, forklift, work trucks, cutting torches, gantry crane	DB conducted a weekly site check. Kingbirds were observed building a nest on the east side of the Unit 1 stack catwalk.	Inactive, non-raptor, non-special status nests should be removed as needed once approved by the DB. Activities near nest buffers require full-time monitoring.
5/26/2020	0545–1340	DB (Paulette Loubet)	Turbine deck of Units 1 and 2. Clean up in courtyard and cooling tower area.	Water truck, excavator, bobcat, forklift, work trucks	DB (Paulette Loubet) conducted a weekly site check. One new nest (house finch) was observed in a portable on the south side of Unit 1. The kingbird nest that was also in the stack was determined to not contain eggs or chicks and was removed. Kestrels were observed nesting in a transmission tower at the southeast corner of the site.	Inactive, non-raptor, non-special status nests should be removed as needed once approved by the DB. Activities near nest buffers require full-time monitoring.

Incident & Wildlife Observation Report

One Incident & Wildlife Observation Report form was completed by the DB on May 11, 2020 for the barn owl chicks (Attachment 3 *Incident & Wildlife Observation Report*). A follow up will be provided in the next monthly monitoring report.

CONCLUSIONS

At every site visit conducted in May, the DB verified that no new migratory bird nests were present within currently active work areas, and clearance was granted for construction activities to continue outside of nest buffers. Monitoring will be required for Project activities that occur near the active house finch nest buffer.

The following is a summary of scope of work for demolition and monitoring activities planned for the month of June 2020.

- Weekly Site checks will occur June 1, 8, 15, 22 and 29, 2020.

- The DB will continue to coordinate with construction management to schedule upcoming Pre-Demolition Surveys prior to the start of the next Project phases.

Should there be any questions, or should further information be required, please contact Ms. Paulette Loubet at (626) 683-3547, extension 142.

ATTACHMENT 1
PRE-DEMOLITION BIOLOGICAL SURVEY FORMS

Inland Empire Energy Center Project
Pre-Construction Biological Survey Form

Date: May 4, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:50 End Time: 10:00	Page 1 of 4
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):
0650 DB arrived on site.
Crews still working up on Unit 1 turbine deck and some smaller clean up jobs in courtyard and cooling tower area. One crew will also work to assemble the larger excavator for use later in the week.
0700 started site check surveying along the main access road toward Unit 2. DB observed all 3 chicks and 1 adult (likely female) on the west side of the sound wall in the lower part of the Unit. Great horned owl chicks are approximately 10 weeks old (photo below).
Silverado crews have cleared the inactive stick nests within the southern most corner last week. No additional material was observed.
DB continued surveying around toward the cooling tower and retention basin. No activity at the previous kingbird nest or at the unknown nest within the tamarisk. Water level continues to recede. Additionally, no activity was observed at potential house finch nest near the gas pipes.
Within the barn owl nest the DB observed at least 3 chicks near the entrance approximately 45 days old (photo below).
The DB continued the site check around the east side of Unit 1 and 2, around the hazmat shed, the Silverado yard and climbed to the Herzig deck of Unit 1 to check on the inactive owl nests. The DB did not observe any activity at the old nest site.
After Unit 1 the DB observed an adult kestrel mobbing and acting territorial to a red tailed hawk that was perched near the kestrel nest box. Due to the behavior the nest is likely to still be active.
While surveying the courtyard the DB observed a mourning dove caring small sticks to a pile of debris. The DB located where the bird was taking the sticks, determined the nest was not yet active and informed the Silverado crew to try to remove the debris to prevent nesting.
1000 After checking out with the ATC and Silverado teams, the DB left the site.

Habitat Description: All developed portions of the site as well as the retention basins and surrounding area.

Species Observed (attach additional sheet if necessary):

Animals
European starling, common raven, rock pigeon, lesser gold finch, house finch, house sparrow, bushtit, song sparrow, kingbird, red tailed hawk, barn owl, killdeer, says phoebe, black phoebe, American kestrel, northern rough wing swallow, northern mockingbird, mourning dove, red wing blackbird

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities

Photographs:

2020/05/04
Looking at Unit 2, facing southeast.

2020/05/04
Cooling tower area, looking east.

2020/05/04
Southwest retention basin, looking west.

2020/05/04
East retention basin looking north.

Two barn owl chicks near the entrance of the nest box.

Two of the three great horned owl chicks in Unit 2 against the west facing sound wall.

Inland Empire Energy Center Project
Pre-Construction Biological Survey Form

Date: May 11, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:45 End Time: 10:30	Page 1 of 5
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):
0645 DB arrived on site and checked in. Crews still working on turbine deck of Unit 1. Larger excavator completed and will work on east side of courtyard and air intake on Unit 2. Other work scheduled for the rest of week is to continue to sort and haul out debris.
0700 start site check from admin building down main access road to Unit 2. Observed all 3 great horned owl chicks and one adult on the south side of the sound wall. The chicks are almost completely feathered (photo below).Surveyed around southwest basin, observed a small grass cup nest approximately 5ft off the ground in a cotton wood tree on the far east end of the basin (photo below). Did not observe any activity at the nest and did not establish any buffer as it is outside of the work area (photo below). Will continue to check on in following weeks. Still no activity at potential house finch nest within gas pipes.
0730 Did not observe any activity in the barn owl nest. DB approached the nest box to get a better look and observed one dead chick under the nest box on the other side of the wall. Observe another dead chick and two live chicks in the cooling tower basin (Photos below). Dead chicks appeared to have been predated. Two live chicks were placed in a box by the DB and taken to a quite location in the admin building. Due to the chicks being exposed, not being able to locate the adult owls and potential hazards on site such as project activities and natural predators (ravens, great horned owls, raccoons, coyotes), the DB determined it would be better for the owls to be transported to a wildlife rescue.
0900-0930 the DB participated in the weekly conference call and gave a update to Silverado and ATC about the owls and nests on site.
0930 DB finished the weekly site check by surveying the laydown yard, air intake on Unit 2, hazmat shed to north east perimeter fence and back around the other side of Unit 2. The court yard could not be surveyed due to active construction and safety hazards. While the DB was still on site Silverado (Aaron) checked inside the barn owl nest box to confirm there were no other chicks or adult birds. A photo of the empty box was sent to the DB who confirmed it was inactive and a board was placed over the entrance to prevent further use. DB observed activity at the Kestrel nest on the Unit 1 stack.
1030 DB left site to transport the owl chicks to the wildlife rescue.
Habitat Description: All developed portions of the site, as accessible.

Species Observed (attach additional sheet if necessary):

Animals
European starling, common raven, rock pigeon, lesser gold finch, house finch, house sparrow, song sparrow, kingbird, red tailed hawk, barn owl, killdeer, says phoebe, black phoebe, American kestrel, northern rough wing swallow, northern mockingbird, mourning dove, red wing blackbird, brown headed cow bird, cliff swallow, bushtit

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities
Comments: None

Photographs:

2020/05/11 06:55:20
Debris being cleared from in front of Unit 2.

2020/05/11, 06:56:31
Unit 1 looking north.

All three great horned owl chicks in Unit 2.

Small cup nest observed in cottonwood tree on east side of southwestern basin.

2020/05/11 07:23:43
Easter basin, facing north.

One dead owl chick (left) and two live chicks (circled) in cooling tower basin.

Silverado crews working to demo air intake on Unit 2/courtyard.

Other crews still working on turbine deck of Unit 1.

Inland Empire Energy Center Project
Pre-Construction Biological Survey Form

Date: May 18, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 06:45 End Time: 09:45	Page 1 of 4
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):
0645 DB arrived on site and observe a kestrel mobbing a red tailed hawk at the top of Unit 1.
Crews working on Unit 1 and Unit 2 turbine deck. Another crew is working to demo the west side of Unit 2 and clean up jobs in courtyard and cooling tower area continue.
0700 started site check surveying along the main access road toward Unit 2. DB observed 1 great horned owl chicks and 1 adult (likely female) in the axillary of Unit 2.
Continued site check around the east retention basin the cooling tower and southwest basin. No nesting activity was observed at any of the previously observed nests.
The DB continued the site check around of Unit 1, including climbing up to the deck to observe the inactive great horned owl nest location. No nesting activity was observed. The DB surveyed the Silverado yard did not observe any nesting activity.
0925-0950 the DB observed the kestrel nest location to try to determine the nesting stage. No kestrels were observed going in or out of the nest and the pair is likely to still be incubating the eggs. While observing the kestrel's a pair of king birds were observed caring nesting material to the under side of an I beam under the top catwalk of Unit 1 (photo below). This nest will not be considered active until eggs or chicks are present and will continued to be monitored.
0900 the DB participated in the weekly check in meeting with the ATC team
0945 After checking out with the ATC and Silverado teams, the DB left the site. No n

Habitat Description: All developed portions of the site as well as the retention basins and surrounding area.

Species Observed (attach additional sheet if necessary):

Animals
European starling, common raven, rock pigeon, lesser gold finch, house finch, house sparrow, bushtit, song sparrow, kingbird, red tailed hawk, says phoebe, black phoebe, American kestrel, northern rough wing swallow, northern mockingbird, mourning dove, red wing blackbird, great horned owl.

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities

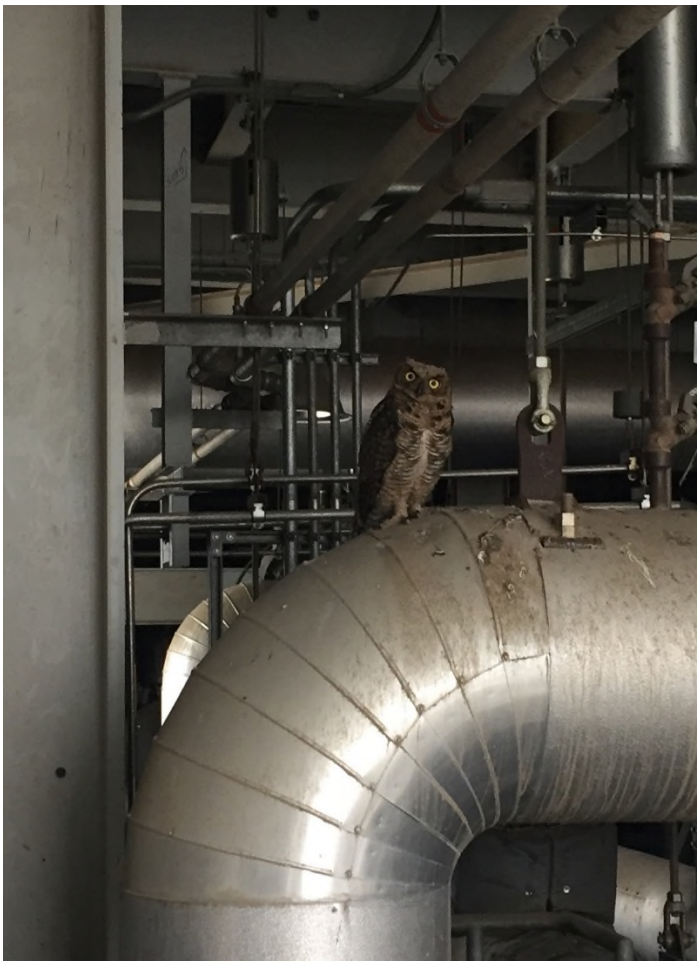
Photographs:

North side of Unit 2 and courtyard, facing east.

Cooling tower area, looking east.

Southwest retention basin, looking north.

Demo on the west side of Unit 2, from the Turbine deck.



One juvenile great horned owl in the auxiliary of Unit 2 on the southeast side.

Arrow showing location of Kingbird nest construction.

Inland Empire Energy Center Project
Pre-Construction Biological Survey Form

Date: May 27, 2020	Observer: Paulette Loubet Designated Biologist (DB)	Start Time: 05:45 End Time: 1340	Page 1 of 4
Visibility (circle one): Good			
Precipitation (circle one): None			

Description of Area Surveyed (attach map or include GPS coordinates):

0545 DB arrived on site

0550 DB started site survey, starting with areas crews would be working in first (courtyard debris clean up and hauling). Crews also working on Unit 1 and Unit 2 turbine deck.

While surveying along the portable trailer buildings on the north side of Unit 1 a house finch (HOFI) flushed from somewhere within the middle portable. The DB observed some nesting material and took a quick picture of the nest contents before leaving the area. The photo showed at least 4 eggs and based on the amount of fecal material along the edge of the nest this was a second clutch for the nest (photos below). The DB moved to an area across the courtyard and observed the female HOFI return to the nest. Due to the tolerance of the bird to build a nest near the active work and that the nest is completely blocked from view by the collapsed roof a 50 foot buffer was established, the crews were informed and ESA signs were placed. Before crews started work for the day the DB also surveyed around Unit 2 and climbed up to the HRZG deck. One great horned owl chick was observed under the second deck of Unit 2. No adults or other chicks were observed. After the DB surveyed around the rest of Unit 1 and climbed up to the HRZG deck to check on the inactive great horned owl nest site. No nesting activity was observed.

07:10 The DB started monitoring the HOFI nest while a crew worked to clean up the courtyard outside of the buffer. The DB also observed an American kestrel mobbing a red-tailed hawk at the top of Unit 1. Between 0710 and 0823 the DB observed a pair of kingbirds carry nesting material up to the top of the Unit 1 stack four times and determined the nest to still be under construction. The DB notified Silverado that a crew member will need to take photos of the nest contents and provide the photographs to the DB before the nest could be removed. Silverado (Aaron) climbed to the top of the stack and sent a photo of the empty nest to the DB. The DB confirmed from the photos that the nest was inactive and it was removed.

10:30-11 continued to monitor the HOFI nest.

11-11:45 the crews took a lunch break and the DB continued site check around the east retention basin the cooling tower and southwest basin. No nesting activity was observed at any of the previously observed small cup nests. The DB observed a female kestrel perched on the transmission wire in the far southeastern corner of the project site. While walking pas the kestrel flew into the eastern facing arm of the tower and did not come back out (photos below). As the nest is outside the project boundary and more than 500 feet away from any current project activities no buffer was established. The nest will continued to be monitored as the project progresses. While surveying along the eastern boundary of the project near the switch yard the DB observed a stick nest (likely raven) on top of a tower. No activity was observed at the nest and due to the angle, the full nest is not visible. No project activities are planned in the switch yard and as the nest faces away from the project area no buffer was established at this time. The DB also surveyed the Silverado yard and did not observe any nesting activity.

11:45-1335 the DB continued to monitor work near the HOFI nest buffer. The female did not flush from the nest and the male was observed visiting the nest twice. While monitoring the HOFI nest the DB also observed the male kestrel come and go from the nest on the top of the Unit 1 stack and observe the female come out of the nest once to preen on the railing before going back into the nest.

1340 After checking out with the ATC and Silverado teams, the DB left the site.

Habitat Description: All developed portions of the site as well as the retention basins and surrounding area.

Species Observed (attach additional sheet if necessary):

Animals
European starling, common raven, rock pigeon, lesser gold finch, house finch, house sparrow, bushtit, song sparrow, kingbird, red tailed hawk, says phoebe, black phoebe, American kestrel, northern rough wing swallow, northern mockingbird, mourning dove, great horned owl.

Site Information

Overall habitat quality: Poor: Site is entirely developed besides basins
Current land use: Inland Empire Energy Center
Surrounding land use: Open fields, urban/residential development and commercial/industrial
Visible disturbance: Urban development, demolition activities, and roads
Threats: Demolition activities

Photographs:

North side of Unit 1, facing east.

Courtyard and Unit, looking southeast.

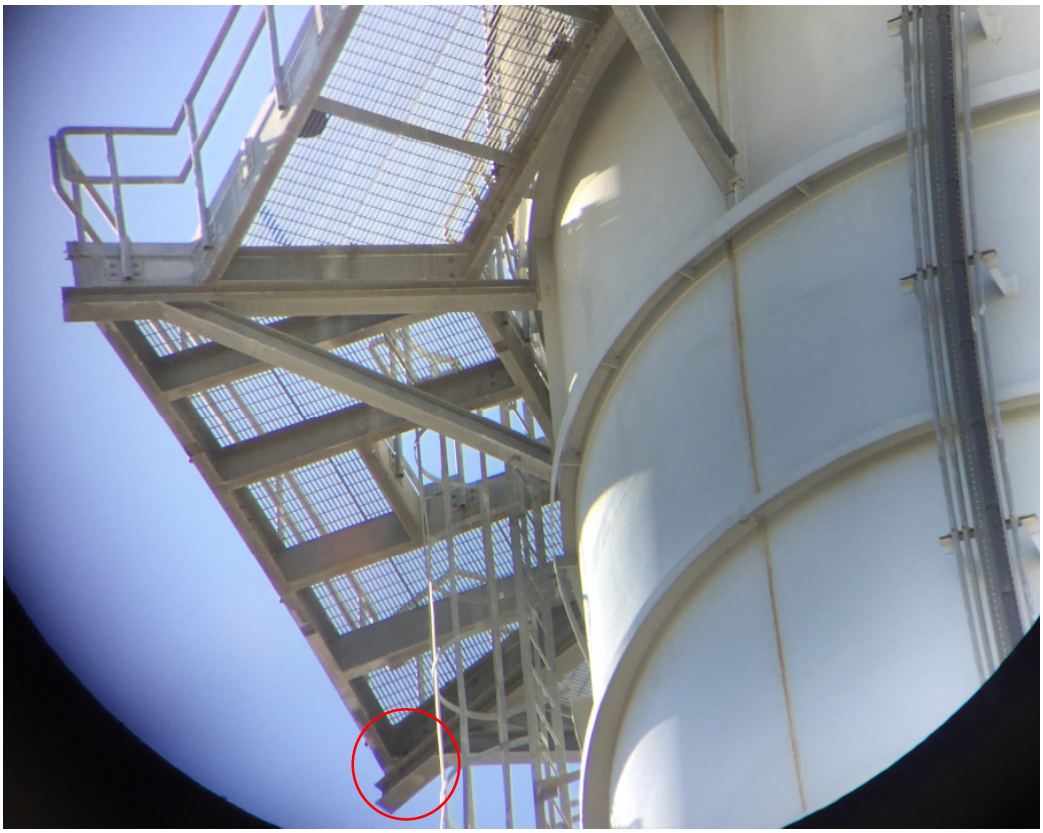
Demo on the west side of Unit 2

House finch nest in middle portable unit along the south side of Unit 1.

Showing house finch nest location, nest located under roof in light fixture.

New American Kestrel nest location, outside of the project area with the arm of the transmission tower.

Location of stick nest observed (likely raven) within switch yard.



Location of kingbird nesting material removed from Unit 1 stack catwalk.

ATTACHMENT 2
ENVIRONMENTAL TRAINING PROGRAM SIGN-IN SHEET

CERTIFICATE OF COMPLETION

Inland Empire Energy Center, LLC (IEEC)
Environmental Training Program Sign-in Sheet **Date:** 2/24/2010 **Instructor(s)** Paulette Laubet

- I have attended the IEEC Environmental Training Program and understand the information I have been given.
- I understand that failure to abide by the procedures outlined in the Environmental Training Program may be cause for immediate dismissal from the project.
- I understand that it is illegal to disturb or destroy special-status plant and animal species or cultural resources, and that I will be held personally liable for any violations of the endangered species and cultural resource laws.
- ~~I understand that I am required to display the Environmental Training Program hard hat decal at all times while I am on the construction site.~~

PLEASE NOTE:
By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for IEEC and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company	EMP ID #	Badge #	Parking Permit #
BRIAN LAURIN		SILVERADO			
Michael Hernandez		Silverado			
JEREMY SANDOVAL		SILVERADO			
JUAN MONTOYA		SILVERADO			
Jorge Garcia		SILVERADO			
MARCO MURCIA		SILVERADO			
PAUL AVILA		ATC-C			
Andy Pulido		ATCGS			
BILL GLEASON		ATCGS			
Doug Simms		TRB			
JORGE VALENCIA		SCI			
Dan Perez		SCI			
Salvador [illegible]		SCI			
JOSE DEL TORO		SCI			
Ricardo Jaramillo		SCI			
STEVE HEAD		SCI			
SID DAVIS		SCI			
Keith Knudsen		SCI			

ATTACHMENT 3
INCIDENT REPORT FORM

Inland Empire Energy Center Project
Incident & Wildlife Observation Report Form

Reporting Employee: Paulette Loubet (DB)	**Date:** 05/11/2020
Wildlife Observation	To be filled out by personnel who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities
Location of observation: East end of Cooling tower wall/basin	
Condition of wildlife (alive, injured, dead?): Observed two dead barn owl chicks and two living chicks**.**	
Species: Barn Owl	
Possible cause of injury or death: Unknown but likely two dead chicks were predated. Unknown if chicks were "branching out" and ended up on the ground or if the nest was attacked.	
Action Taken (Where is the animal currently?): Two living chicks were taken to a wildlife rehab center in Temecula. They will eventually be transferred to a facility in Indio to get flight conditioned.	
Is the resource in danger of project (or other) impacts? Yes. Due to the chicks being exposed, not being able to locate the adult owls and potential hazards on site such as project activities and natural predators (ravens, great horned owls, raccoons, coyotes), the DB determined it would be better for the owls to be transported to a wildlife rescue.	
Comments: DB will follow up on progress of the chicks.	
Contact Biological Monitor or Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. **DESIGNATED BIOLOGIST:** Paulette Loubet 626-683-3547 (office) or 949-677-8242 (cell)	

Incident Report: To be completed for any deviation from approved environmental protection measures.	
Location of Incident:	
Nature of Incident:	
Action Taken:	
If work stoppage was required, what was the reason?	
Time work was stopped:	**Time work was restarted:**
Area included in work stoppage:	
Name of Construction Supervisor notified regarding Incident:	
Has condition been corrected?	**If so, how?**
Does the incident require follow-up or inspection?	
Signature of person reporting incident:	**Date:**
Signature of Construction Compliance Manager:	**Date:**