DOCKETED	
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Project Title:	Carlsbad Energy Center - Compliance
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Document Title:	Monthly Compliance Report For January 2021
Description:	Monthly Compliance Report- January 2021_ Encina Power Station Demolition.
Filer:	Anwar Ali
Organization:	Carlsbad Energy Center LLC
Submitter Role:	Commission Staff
Submission Date:	2/12/2021 10:41:46 AM
Docketed Date:	2/12/2021



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February 11, 2021

Mr. Anwar Ali, PhD Compliance Project Manager Amended Carlsbad Energy Center Project (07-AFC-06C) California Energy Commission 1516 Ninth Street (MS-2000) Sacramento, CA 95814

RE: AMENDED CARLSBAD ENERGY CENTER PROJECT, DOCKET NO. 07-AFC-06C, DEMOLITION OF ENCINA POWER STATION CONDITION OF CERTIFICATION, COM-6 JANUARY 2021, MONTHLY COMPLIANCE REPORT

Dear Dr. Ali:

Cabrillo Power I, LLC ("Project Owner") submits the January 2021 Monthly Compliance Report (MCR) in compliance with the AFC Docket No. 07-AFC-06C, Conditions of Certification (COCs) COM-6 for the Amended Carlsbad Energy Center Project (ACECP) located at 4600 Carlsbad Boulevard, Carlsbad, California.

Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

During the month of January 2021, demolition activities included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior. Completion of demolition activities is targeted for April 2022 per the revised project schedule.

If you have any questions or comments, please do not hesitate to contact me at (760) 707-6833.

Sincerely,

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George L. Piantka, PE Sr. Director, Regulatory Environmental Services NRG Energy, Inc.

Attached: Amended Carlsbad Energy Center Project (07-AFC-06C), California Energy Commission, Monthly Compliance Report, January 2021

cc: File



Amended Carlsbad Energy Center Project Encina Power Station Demolition (07-AFC-06C) California Energy Commission Monthly Compliance Report COM-6

January 2021

Submitted by: Cabrillo Power I LLC Date Submitted: 02-11-2021

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List of Attachments

Attachment A:	COMPLIANCE-5 and COMPLIANCE-6: Key Events Schedule and Compliance Matrix – January 2021
Attachment B:	COMPLIANCE-6: Project Schedule, January 2021
Attachment C	AQ-SC3: Air Quality Construction Compliance Summary,
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Attachment N	CIVIL-1, GEN-6, MECH-1: DCBO Plan Approvals and Mechanical Inspections
Attachment O	WORKER SAFETY-3: Construction Safety Supervisor Monthly Report
Attachment P	WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report
Attachment Q	CIVIL-3 and STRUC-2: Non-Conformance Report Log

I. Summary

This Monthly Compliance Report (MCR) focuses on Phase IV of the Amended Carlsbad Energy Center Project (i.e., demolition of Encina Power Station) as Phases I-III - pre-construction and construction/operations phases of ACECP and decommissioning of Encina Power Station - have been completed. MCRs documenting those phases of work can be found in Compliance Proceedings for the Carlsbad Energy Center Project (docket number 07-AFC-06C).

a. Demolition Status

Phase III (decommissioning) activities began December 11, 2018 with the retirement of the Encina Power Station; decommissioning was completed by Cabrillo Power I LLC (owner of Encina Power Station) in December 2019. The Project Owner completed all compliance activities and COC submittals necessary to achieve Phase IV, Start of Demolition, in December 2019. Demolition preparation was conducted December 2019 through January 2020; abatement and demolition began on January 29, 2020.

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended from March 20, 2020 until July 5, 2020. Demolition-related equipment and materials were placed in a safe-condition and storm water best management practices were confirmed by on-site personnel during the suspension of demolition activities.

Demolition activities recommenced during the week of July 6-10, 2020 with limited remobilization during which staff were reorientated to the site and the scope of work, and safety trained.

Full-scale demolition activities during January 2021 included the following: interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior.

Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

b. Revised/Updated Schedule

Per COC COM-5, the Compliance Matrix and COC deliverables are provided in **Attachment A. Attachment B** provides a schedule of project milestones for demolition, remediation, and construction.

c. Explanation of Significant Permitting Activities and Changes to Schedule (as applicable)

Neither significant permitting activities pertaining to Phase IV nor changes to schedule have occurred since the CEC's approval of ACECP in 2015. The City of Carlsbad approved a 9-month extension to Phase IV via a City Resolution in December 2019. While we anticipate completing Phase IV by second quarter of 2022, the extension allows completion by third quarter of 2022.

The updated project schedule is provided in **Attachment B**.

II. List of documents submitted to meet specific conditions

- a. AQ-SC2: Air Quality Demolition Mitigation Plan
- b. AQ-SC3: Construction Fugitive Dust Control Air Quality Compliance Monthly Report.
- c. AQ-SC4: Dust Plume Response Requirement Air Quality Compliance Monthly Report.
- d. AQ-SC5: Diesel-Fueled Engine Control Air Quality Compliance Monthly Report.
- e. GEN-1: CBO Notice
- f. NOISE-1: Community Mailer and Noise Complaint Hotline Number
- g. NOISE-3: Noise Control Program
- h. SOIL&WATER-2: Non-Potable Construction Water Use Plan
 - i. SOIL&WATER-2&6: Construction water usage summary.
- i. SOIL&WATER-4&9: SDRWQCB email dated 11/22/2019
- j. SOIL&WATER-9: Wastewater disposal summary
- k. TRANS-1: Demolition Traffic Control Plan
- I. TRANS-7: Demolition Parking and Staging Plan

- m. WASTE-5: Demolition Waste Management Plan
- n. WORKER SAFETY-1: Demolition Safety and Health Program
- o. WORKER SAFETY-3: Construction Safety Supervisor monthly report
- p. WORKER SAFETY-4: CBO Safety Monitor monthly report
- q. WASTE-6: Asbestos Notification Form to San Diego Air Pollution Control District - Email dated 6/29/2020 (5th Revision Notice)

III. Updated Compliance Matrices

The Compliance Matrix updated to reflect the ACECP is included in **Attachment A**.

IV. List of conditions satisfied during reporting period including reference to actions which satisfied certification

Air Quality: AQ-SC3, AQ-SC4, and AQ-SC5 - Air Quality Construction Compliance inspections and report. See **Attachment C**.

Biological Resources: BIO-5, BIO-6, BIO-7, and BIO-8 – Biological Resources Compliance inspections and report. See **Attachment D**.

NOISE-2/COM-11: Noise hotline log and complaint resolution process. See **Attachment G**.

WORKER SAFETY-3: Construction Safety Supervisor Monthly Report. See **Attachment O**.

WORKER SAFETY-4: CBO Safety Monitor Inspection Monthly Report. See **Attachment P**.

COM-13: Incident Reporting Requirements. See **Attachment R**.

V. List of submittal deadlines missed during reporting period including explanation and estimate of when information will be provided

None

VI. Cumulative list of approved changes to conditions of certification

The California Energy Commission approved changes to the COCs on August 3, 2015. An updated compliance matrix with amended COCs for demolition is provided in **Attachment A**.

VII. List of any filings with, or permits issued by, other governmental agencies during the month

None

VIII. Project compliance activities over next two months including changes to schedule

The Project Owner will make the following compliance filings, as needed, over the next two months:

- a. AQ-SC1: Air Quality Construction Mitigation Manager (AQCMM) will implement the monitoring and reporting requirements of AQ-SC2, AQ-SC3, AQ-SC4, and AQ-SC5.
- b. BIO-5: Worker Environmental Awareness Plan training (*if required*)
- c. BIO-6: Monitoring and reporting as required per the BRMIMP.
- d. COM-6: Submit Monthly Compliance Reports.
- e. SOIL&WATER-2: Water usage summary.
- f. TRANS-5: Inspection reports on roadway conditions. (*if required*)
- g. TRANS-6: Provide summary of overweight or oversized vehicle permits as needed. (*if required*)
- h. TRANS-8: Provide a summary of encroachment permits obtained or utilized during the reporting month. (*if required*)
- i. WASTE-1: Submit correspondence with San Diego County Department of Environmental Health as needed.
- j. WORKER SAFETY-5: As needed worker training on Automated. External Defibrillator (AED) locations.
- k. COM-11: Complaints requiring notifications and reporting will be submitted to CPM
- I. COM-13: Incidents requiring notifications and reporting will be submitted to CPM

IX. Additions to on-site compliance file

Files are maintained onsite on a regular basis as COCs are implemented.

X. List of complaints, notices of violation, official warnings, citations received during month, description of resolutions of any resolved complaints and status of any unresolved complaints

No violations, official warnings, or citations related to the demolition of the Encina Power Station were received in January 2021. A summary table of calls and complaints logged and responded to are included, as applicable, in **Attachment G**.

ATTACHMENT A

COMPLIANCE-5 AND COMPLIANCE-6 KEY EVENTS AND COMPLIANCE MATRIX JANUARY 2021

TECHINAL NAME	COC Number	Subtask	Condition Type	Deliverable Req.	Description	Comments	Date Submitted	Dated Approved by CEC
AQ-SC	1		Air Quality Manager	Y	Air Quality Construction/Demolition Mitigation Manager (AQCMM): The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction/demolition. 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/demolition activities as warranted by applicable construction/demolitions. The AQCMM and AQCMM belegates in addition to those described in this condition. The AQCMM shall not be terminated without written consent of the Compliance Project Manager (CPM).		8/26/2019	9/20/2019
AQ-SC	2		Air Quality Plan	Y	Air Quality Construction/Demolition Mitigation Plan (AQCMP): The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5.	Submitted to CEC on 10/16/19. Resubmitted with updates per CEC request 12/28/19. Docketed by CEC on 1/2/2020	10/16/2019, resubmitted 12/28/19	1/2/2020
AQ-SC	3	a	Air Quality Plan	Y	Construction Fugitive Dust Control: The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. A. All unpaved roads and disturbed areas in the project and laydown construction/demolition sites shall be watered as frequently as necessary to comply with the dust mitigation objectives of AQ-SC4. The frequency of watering may be reduced or eliminated during periods of precipitation. B. No vehicle shall exceed 10 miles per hour on unpaved areas within the project and laydown construction/demolition sites. C. The construction/demolition equipment vehicle tires shall be inspected and washed as necessary to be cleaned and free of dirt prior to entering paved roadways. E. Gravel ramps of at least 20 feet in length must be provided at the tire washing/cleaning station. F. All unpaved exits from the construction/demolition site shall be graveled or treated to prevent track-out to public roadways. G. All construction/demolition vehicles shall net the construction/demolition site shall be graveled or treated to prevent track-out to public roadways. H. Construction/demolition areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent runoff to roadways. I. All paved roads within the construction/demolition site shall be swept at least twice daily (or less during periods of precipitation) on days when construction/demolition activity occurs to prevent the accumulation of dirt and debris. J. At least the first 500 feet of any public roadway exiting the construction/demolition site shall be swept visually clean, using wet sweepers or air filtered dry vacuum sweepers, at least twice daily (or less during periods of pr	included with AQ-SC2		
AQ-SC	3	b	Air Quality Plan		 K. All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered or shall be treated with appropriate dust suppressant compounds. L. All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard. M. Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction/demolition areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation. N. Disturbed areas will be re-vegetated as soon as practical. O. Haul trucks used during the Encina Power Station demolition shall be limited to traveling on paved or graveled surfaces at all times within the boundary of the Encina Power Station property. The fugitive dust requirements listed in this condition may be replaced with as stringent or more stringent methods as required by SDAPCD Rule 55. 	included with AQ-SC2		
AQ-SC	4	a	Air Quality Plan	N	Dust Plume Response Requirement: The AQCMM or Delegate shall monitor all construction/demolition activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: (1) off the project site, -(2) 200 feet beyond the centerline of the construction of linear facilities, (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner, or (4) within 50 feet upwind of the I-5 freeway indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes, other than those occurring upwind of the I-5 Freeway, are observed: Step 1: The AQCMM or Delegate shall direct more intensive application of the existing mitigation methods within 15 minutes of making such a determination. Step 2: The AQCMM or Delegate shall direct implementation of additional methods of dust suppression if Step 1 specified above fails to result in adequate mitigation within 30 minutes of the original determination. Step 3: The AQCMM or Delegate shall direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation within one hour of the original determination. The activity shall not restart until the AQCMM or Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the shut-down source. The owner/operator may appeal to the CPM any directive from the AQCMM or Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.	included with AQ-SC2		

AQ-SC	4	b	Air Quality Plan		The AQCMM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes occurring within 50 feet upwind of the I-5 Freeway are observed: Step 1: The AQCMM or Delegate shall immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on the I-5 freeway. The AQCMM or Delegate shall direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of the I-5 freeway but are not causing obscuration of visibility to drivers. Step 2: The AQCMM or Delegate shall direct implementation of additional methods of dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: The AQCMM or Delegate shall direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. The activity shall not restart until the AQCMM or Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on the I-5 Freeway will not occur upon restarting the shut-down fugitive dust source.		
AQ-SC	5	a	Air Quality Plan	Y	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the Monthly Compliance Report, a construction/demolition mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction/demolition-related emissions. The following off-road diesel construction/demolition equipment mitigation measures shall be included in the Air Quality Construction Mitigation Plan (AQCMP) required by AQ-SC2, and any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval. a) All diesel-fueled engines used in the construction/demolition of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. b) All construction/demolition diesel engines with a rating of 50 hp or higher shall meet, at a minimum, the Tier 4 or 4i California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1), unless a good faith effort to the satisfaction of the CPM that is certified by the on-site AQCMM demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 4 or 4i engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 3 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NOX) and diesel particulate matter (DPM) to no more than Tier 3 levels unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. For purposes of this condition, the use of such devices is "not practical" for the following, as well as other, reasons. 1. There is no available retrofit control device that has been verified by either the California Air Resources Board or U.S. Environmental Protection Agency to control the engine in question to Tier 3 equivalent emission levels and the	included with AQ-SC2	
AQ-SC	5	Ь	Air Quality Plan		 c) The use of a retrofit control device may be terminated immediately, provided that the CPM is informed within ten working days of the termination and that a replacement for the equipment item in question meeting the controls required in item "b" occurs within ten days of termination of the use, if the equipment would be needed to continue working at this site for more than 15 days after the use of the retrofit control device is terminated, if one of the following conditions exists: 1. The use of the retrofit control device is excessively reducing the normal availability of the construction/demolition equipment due to increased down time for maintenance, and/or reduced power output due to an excessive increase in back pressure. 2. The retrofit control device is causing or is reasonably expected to cause engine damage. 3. The retrofit control device is causing or is reasonably expected to cause a substantial risk to workers or the public. 4. Any other seriously detrimental cause which has the approval of the CPM prior to implementation of the termination. d) All heavy earth-moving equipment and heavy duty construction/demolition-related trucks with engines meeting the requirements of (b) above shall be properly maintained and the engines tuned to the engine manufacturer's specifications. e) All diesel heavy construction/demolition equipment shall not idle for more than five minutes. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. f) Construction/demolition equipment will employ electric motors when feasible. 		
<u>AQ-SC</u>	12		MCR	Y	 The project owner shall not allow the overlap of specific construction and demolition phase activities. The following activities shall not be conducted concurrently with any of the other listed activities: 1. ASTs 5, 6, and 7 demolition (licensed CECP activity) 2. ASTs 1, 2, and 4 demolition and berm removal (PTR described activities). 3. Amended CECP construction (PTA described activities). 4. EPS demolition (PTA and Encina Power Station Demolition Plan described activities). In addition, the gas turbines initial commissioning activity and the EPS demolition activity shall not be performed concurrently. 	N/A	
<u>AQ-SC</u>	13		MCR	Y	The project owner shall not implode or fell any concrete or mortar structure, such as the main exhaust stack or the power plant building, during the demolition of the Encina Power Station.		

GEN	1	С	CBO	Ν	The project owner shall design, construct, and inspect the project in accordance with the 2013 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously). The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility, including the demolition of above-ground fuel oil storage tanks 1, 2, and 4 (ASTs 1, 2, and 4), and the demolition of the Encina Power Station (EPS) (2013 CBC, Appendix Chapter 1, §1.1.3, Scope). All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this document. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2013 CBSC is in effect, the 2013 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and su	Comments Received from CBO on Execution Plan on 12/4/19 Comments returned to CBO on 1-9- 20. CBO approved on 1/22/2020	01/09/2020	1/22/2020
HAZ	7		Security Plan	Y	 Prior to commencing tank demolition, a site-specific Demolition and Construction Site Security Plan for the tank demolition and construction phases shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include the following: 1. perimeter security consisting of fencing enclosing the demolition and construction areas; 2. security guards; 3. site access control consisting of a check-in procedure or tag system for demolition and 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 law enforcement and the CPM in the event of suspicious activity or emergency; and 6. evacuation procedures. 	Submitted to CEC	11/6/2019	11/19/2019
NOISE	1		Notice	Y	At least 15 days prior to the start of any demolition activities associated with the amended CECP, the project owner shall notify the city of Carlsbad and all residents within one-half mile of the site, by mail or other effective means, of the commencement of project demolition and construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the demolition, construction, and operation of the amended CECP 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. 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, and all subsequent demolition activities at the Encina Power Station have been completed.	Noise Notification has been completed and mailers sent out to public/residents within one mile on 9/23. Notice sent to CEC on 9/25/19	9/25/2019	12/18/2019
NOISE COMPLIANCE	1 11		Hot Line Response	Y	 Throughout the demolition of above-ground fuel oil storage tanks 1, 2, 4, 5, 6, and 7 (ASTs 1, 2, 4, 5, 6, and 7), construction and operation of the amended CECP, and demolition of the Encina Power Station the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. The project owner or authorized agent shall: Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; Attempt to contact the person(s) making the noise complaint within 24 hours (within 12 hours if the complaint is related to nighttime concrete pour); Conduct an investigation to determine the source of noise related to the complaint; Take all feasible measures to reduce the noise at its source if the noise is project related; and Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem is resolved to the complainant's satisfaction. 	Hot Line Established	8/13/2019	10/2/2019
NOISE	3		Letter	Y	The project owner shall submit to the CPM for review and approval 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 the demolition of ASTs 5, 6, and 7, and construction and demolition activities associated with of the amended CECP. The noise control program shall be used to reduce employee exposure to high noise levels during demolition and construction in accordance with Title 8, California Code of Regulations, sections 5095-5099, and Title 29, Code of Federal Regulations, section 1910.95	Prepared, submitted to CEC, and approved on 10/2/19	8/26/2019	10/3/2019

NOISE	6		Letter	Y	Noisy construction work relating to any project features shall be restricted to the times of day delineated below:			
					Weekdays 7:00 a.m. to 6:00 p.m. Saturdays 8:00 a.m. to 6:00 p.m. Haul trucks and other engine-powered equipment shall be equipped with mufflers that meet all applicable regulations. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.			
					caused by the construction or demolition activities associated with the CECP, as opposed to another source, as verified by the CPM,			
SOIL&WATER	2	a	Plan	Y	Potable water shall not be used for any construction activity, including EPS demolition activities, that is suitable for non-potable water use if a non-potable water source is available at the project site. Prior to site mobilization, the project owner shall submit to the CPM a Non-Potable Construction Water Use Plan (plan) for the supply and use of non-potable water in construction activities. The plan shall consider the use of recycled water available at the site. The plan shall specify those construction activities that would use non-potable water and those construction activities that would use potable water. Potable water use for EPS demolition activities that are suitable for non potable water shall count toward the cumulative total limit, in accordance with SOIL&WATER-6.	10/11/19 - NRG response submitted to CEC. Status request from CEC sent 11/12/19	10/11/2019	12/18/2019
SOIL&WATER	2	b	MCR	Y				
SOIL&WATER	4	а	Permit	Y	The project owner shall submit to the San Diego Regional Water Quality Control Board (SDRWQCB) all information required by the SDRWQCB to obtain a Waste Discharge Requirements (WDR) Order for the discharge of EPS demolition wastewater to the Pacific Ocean in accordance with NPDES requirements. The project owner shall submit to the CPM all copies of correspondence between the project owner and the SDRWQCB regarding the WDR Order within 10 days of its receipt or submittal.	SDRWQCB concurrence request for use of existing Industrial Permit and Storm Water Permit submitted 10/31/19. NRG submitted email to CEC from SDRWQCB in regards to permits on 11/22/2019.	11/22/2019	11/27/2019
SOIL&WATER	6	а	Water Use	Y	During normal operation the project shall use no more than three acre-feet per year (AFY) of potable water for drinking, sanitary, and fire protection testing purposes. The project shall use recycled water for all industrial and landscape irrigation purposes during operation of the CECP, unless potable water is needed for emergency backup use. For the purpose of this condition, the term emergency shall mean the inability of the CECP to take, or for the city of Carlsbad to deliver, recycled water to the CECP in a quantity sufficient to meet CECP demand due to Acts of God, natural disaster, and other circumstances beyond the control of the project owner, including interruption of recycled water is needed during operation for non-emergency uses, the owner shall be required to file a formal petition to amend the project. If the CECP requires potable water for EPS demolition and emergencies that will cumulatively exceed 300 acre-feet, during the life of the project, the project owner shall file a petition to amend. All emergency water use shall be reported in annual compliance reports. Reported values shall include monthly			
SOIL&WATER	6	b	Reporting	Y				
SOIL&WATER	9	a	Permit Reporting	Ŷ	Prior to transport and disposal of any facility construction or demolition-related wastewaters offsite, the project owner shall test and classify the stored wastewater to determine proper management and disposal requirements. The project owner shall provide evidence that wastewater is disposed of at an appropriately licensed facility. The project owner shall ensure that the wastewater is transported and disposed of in accordance with the wastewater's characteristics and classification and all applicable LORS (including any CCR Title 22 Hazardous Waste and Title 23 Waste Discharges to Land requirements). Where discharge of wastewater must comply with the San Diego Regional Water Quality Control Board (SDRWQCB) and State Water Resources Control Board regulatory requirements, the project owner shall submit a Report of Waste Discharge (ROWD) to the compliance project owner shall pay all necessary fees for filing and review of the ROWD and all other related fees. Checks for such fees shall be submitted to the SDRWQCB and shall be payable to the State Water Resources Control Board. The project owner shall provide on permit applicable to the State Water Resources Control Board. The project owner shall pay all necessary fees for filing and review of the ROWD and all other related fees. Checks for such fees shall be submitted to the SDRWQCB and shall be payable to the State Water Resources Control Board. The project owner shall be not provide the regulatory requirements are not applied pursuant to a National Pollutant Discharge Elimination System permit, it is the Commission's intent that the requirements of the applicable waiver or permit be enforceable by both the Commission and the SDRWQCB. In furtherance of that objective, the Commission hereby delegates the enforcement of the waiver or permit requirements, and associated monitoring, inspection, and annual fee collection authority, to the SDRWQCB. The CPM and SDRWQCB shall confer with each other and coordinate, as needed, in the enforcement of the requirements.	ROWD not needed as existing permits (Encina industrial NPDES permit and Construction General NPDES Permit for stormwater discharges) will be used to confirm compliance with COC. NRG submitted email to CEC from SDWRQCB in regards to permits on 11/22/2019.	11/22/2019	11/27/2019
SOIL&WATER	9	b	MCR			Provided in MCR		

SOIL&WATER	9	с	Permit			Permit(s) provided when obtained from SDRWQCB		
SOIL&WATER	9	d	Reporting			As needed		
TRANS	1		Permit	Y	The project owner shall consult with the City of Carlsbad and prepare and submit to the city of Carlsbad for review and comment and the Compliance Project Manager (CPM) for approval a construction/demolition traffic control plan. The plan shall be implemented during all phases of construction/demolition and shall addresses the following issues: timing of truck trips, including heavy equipment and building materials deliveries, especially those that would cross the railroad tracks; redirecting construction and demolition traffic with a flag person at a minimum for trucks traveling eastbound on Cannon Road from the SDG&E Service Gate to cross the railroad tracks; signing, lighting, and traffic control device placement if required; need for construction work hours and arrival/departure times outside and during peak traffic periods; insurance of access for emergency vehicles to the project site; temporary closure of travel lanes; access to adjacent residential and commercial property during the construction of all pipelines; specification of construction-related haul routes; and identify safety procedures for exiting and entering the site access gate. 	A temporary Traffic Control Plan (TCP) was approved by the City of Carlsbad Traffic Control Department and the CEC to allow for the City of Carlsbad's Jack-and-bore project. Due to the left turn from Gate 3 being obstructed, the temporary TCP allows for a right turn while egressing from Gate 3, and requires all truck traffic to turn left on Carlsbad Boulevard to gain acces to Interstate 5 on Palomar Airport Road. All other craft traffic can take either a left or right on Carlsbad	10/29/2019, Modified Plan sent 11/14/19; Temporary Traffic Control Plan approved on 11/9/2020	12/12/2019
TRANS	5	а	Reporting	Ŷ	During and following completion of project construction and demolition, the project owner shall repair any damage to roadways affected by construction/demolition activity to pre-project road conditions or better. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of demolition and construction, the project owner shall photograph or videotape, all roadways that will be affected by pipeline construction and heavy truck traffic. The project owner shall provide the CPM and the city of Carlsbad with a copy of the images for the roadway segments under its jurisdiction. Also, prior to start of demolition and construction, the project owner shall notify the city about the schedule for project demolition/construction. The purpose of this notification is to allow the city the opportunity to postpone any planned roadway resurfacing and/or improvement projects until after the project demolition/construction has taken place and to coordinate demolition/construction-related activities associated with other projects.		9/16/2019	9/30/2019
TRANS	7		Plan	Y	During project construction/demolition, the project owner shall implement a parking and staging plan for project construction and demolition to enforce a policy that all project-related parking occurs on site or in designated off-site parking areas.		10/16/2019	10/22/2019
WASTE	5	a	Plan		The project owner shall prepare a Demolition and Construction Waste Management Plan for all wastes generated during demolition and construction of the facility and shall submit the plan to the CPM for review and approval. The plan may be submitted in two sections: Demolition activities and Construction activities. Both sections of the plan shall contain, at a minimum, the following: • a description of all demolition and 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. • a reuse/recycling Debris Management Plan for demolition and construction materials that meets or exceeds the waste diversion goals established by the Integrated Waste Management Compliance Act (Pub. Resources Code, § 41780 et seq.) and CAL Green Title 24, California Code of Regulations, Part 11sections 4.408, 5.408, 301.1.1 and 301.3.		10/16/2019	11/12/2019
WASTE	6		Permit	Y	Prior to demolition of existing structures, the project owner shall complete and submit a copy of a San Diego County Air Pollution Control District (District) Asbestos Renovation and Demolition Notification Form to the CPM and the District for review. The project owner shall remove all asbestos-containing material (ACM) from the site prior to demolition.	Final (4th) Revised Asbestos Notification Form was submitted to San Diego Air Pollution Control District and CPM for January 29, 2020 Start of Demoltion of Asbestos Abatement.	1/10/2020 1/17/2020 1/21/2020 1/24/2020	1/29/2020

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VIS	3	В	Screening		If necessary to provide visual screening of staging activities, equipment and materials in the short term, the project owner shall provide temporary dark-colored, opaque fencing to provide visual screening until landscape screening described above has achieved sufficient maturity to provide visual screening. Existing opaque fencing shall be maintained along the Carlsbad Boulevard frontage of the EPS for the duration of construction and demolition. The project owner shall submit to the CPM for review and approval, and simultaneously to the city of Carlsbad for review and comment, a landscaping plan whose proper implementation will satisfy these requirements. The plan shall include: a) A detailed landscape, grading, and irrigation plan, at a reasonable scale. The plan shall demonstrate how the requirements stated above shall be met. The plan shall provide a detailed installation schedule demonstrating installation of as much of the landscaping as early in the construction process as is feasible in coordination with project construction. The intent of the plan shall be to minimize loss of existing perimeter tree and shrub screening, particularly at the northeast laydown site; and to provide supplemental and replacement plantings as needed to screen staging sites.
WORKER SAFETY	1	Б	Plan	Ŷ	 Ine project owner shall submit to the Compliance Project Manager (CPM) a copy of the Project Demolition and Construction Safety and Health Program containing the following: 1. a Demolition and Construction Personal Protective Equipment Program; 2. a Demolition and Construction Exposure Monitoring Program; 3. a Demolition and Construction Emergency Action Plan; and 5. a Demolition and Construction Fire Prevention Plan. 6. an Encina Power Statin Demolition Plan. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Demolition Plan shall be submitted to the Carlsbad Fire Department for review and comment prior to submittal to the CPM for approval.
WORKER SAFETY	3	a	Supervisor	Y	The project owner shall provide a site Demolition Safety Supervisor (DSS) and a Construction Safety Supervisor (CSS) who, by way of training and/or experience, is are knowledgeable of tank demolition, power plant construction activities and relevant laws, ordinances, regulations, and standards; is are capable of identifying workplace hazards relating to the demolition and/or construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The DSS or CSS shall: 1. have overall authority for coordination and implementation of all occupational safety and health practices, policies, and programs; 2. assure that the safety program for the project complies with Cal/OSHA and federal regulations related to power plant projects; 3. assure that all demolition, construction and commissioning workers and supervisors receive adequate safety training; 4. complete accident and safety-related incident investigations and emergency response reports for injuries and inform the CPM of safety-related incidents; and 5. assure that all the plans identified in Conditions of Certification Worker Safety-1 and -2 are implemented.
WORKER SAFETY	4		СВО	Y	The project owner shall 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 Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities and shall do this during the period of tank demolition/removal, construction of the CECP, and demolition/removal of the EPS.

11/6/2019	12/11/2019
10/8/2019	12/11/19 - But need to update all Federal OSHA citations with the appropriate Cal/OSHA code citations
9/12/2019	10/10/2019

following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Demolition or Construction Project Manager or delegate, the Demolition or Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.	WORKER SAFETY	5	Training	Y	The project owner shall ensure that a portable automatic external defibrillator (AED) is located on site during tank demolition, construction and operations and demolition/removal of the EPS and shall 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 demolition of the tanks and the EPS, construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Demolition or Construction Project Manager or delegate, the Demolition or Construction Safety Supervisor or delegate, and all shift foremen. During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.	Training held on 12/4/19. Completed AED Training.	12/5/2019	12/10/2019

Submitted to CEC Approved by CEC

ATTACHMENT B

COMPLIANCE-6 PROJECT SCHEDULE JANUARY 2021

Data Date: 2/1/2	21	MA0842-11-	0 - MAOR	42 NRG I	Encina	Powe	er Sta	ation	- Undat	e 10 - 202	1-02	-01					05.1	Detailed Schedule			Page 1	of 15
Activity ID	Activity Name	Orig Dur Start Late Sta	t Finish	Late Finish	n Float							~ -										
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CM1000	Project Award - LOI	0 9/20/19 A 3/10/21			•	Project	Award	I - LOI														
CM1010	Poseidon Stop Logs In Place	0 4/20/20 A 3/10/21								Poseidon :	Stop Lo	gs In Pla	ace				+				+	
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CM1030	Scheduled Completion	0	3/2/22	4/8/22	33															: 📫 :	Scheduk	ed Com
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PM1000	Disconnect/isolate potable water, raw water and fire loop - 5 locations	5 8/1/20 A 1/12/22	8/24/20 A	1/12/22								Dis	connect	/isolate po	able wate	er, raw w	vater and fire loop - 5 loca	ations				
PM1010	Temp Power to FAA lighting	1 7/31/20 A 3/10/21	7/31/20 A	3/10/21		-iii						Temp F	ower to	FAA lightin	g						••••••	
PM1020	Contract Award Period	32 9/20/19 A 3/10/21	10/27/19	3/10/21			Contra	ct Award	Period					-								
PM1030	Substantial Completion	0	2/17/22	3/28/22	33															Su'	ostantial	I Comple
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PE1000	Original Contract Completion	0	12/3/21*	12/2/21	0														Original	Contract	Comple	etion
PE1010	TIA 01 - COVID-19 Force Majeure	99 12/3/21 12/3/21	4/8/22	4/8/22	0																h 🛋	IA 01 + C
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PD1010	Maintain Office and Break Bldg-Provided by NRG	649 10/28/19 3/10/21	4/8/22	4/8/22	0	╞							i									laintain
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PD1030	Site Safety Management	649 10/28/19 3/10/21	4/8/22	4/8/22	0							i									si	ite Safe
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PD1050	Maintain Scale	1 1/10/20 A 3/28/22	2/1/21	3/28/22	348			r è			: :				м	laintain	Scale		-+			
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TIA1.1000	NRG - COVID-19 Force Majeure	52 3/19/20 A 3/10/21	5/18/20 A	3/10/21						NRG		D-19 [¦] For	ce Maje	ure						1		
TIA1.1010	BISC - Force Majeure Response Letter	1 5/19/20 A 3/10/21	5/19/20 A	3/10/21						BISC	- Force	Majeure	Respo	nse Letter								
TIA1.1020	BISC - Return to Work Docs/Proceedures	13 5/20/20 A 3/10/21	6/3/20 A	3/10/21						Б ВІ	SC-Re	turn to V	Vork Do	cs/Proceed	ures							
TIA1.1030	NRG - Review/Comment	5 6/4/20 A 3/10/21	6/9/20 A	3/10/21							VRC - Re	eview/Co	mment			· • • • •						
TIA1.1040	BISC - Adjust Docs/Proceedures	6 6/10/20 A 3/10/21	6/16/20 A	3/10/21							BISC -	Adjust D	ocs/Proc	eedures								
TIA1.1050	NRG - Review/Approve Docs/Proceedures	3 6/17/20 A 3/10/21	6/19/20 A	3/10/21							NFG -	Review//	Approve	Docs/Prod	eedures							
TIA1.1060	BISC - Distribute Questionnaire	5 6/22/20 A 3/10/21	6/26/20 A	3/10/21						F	вс	- Distribu	ite Ques	tionnaire								
TIA1.1080	BISC - Labor - Self Assessment	14 6/27/20 A 3/10/21	7/10/20 A	3/10/21							BIS	SC - Lab	or - Self	Assessme	nt							
TIA1.1085	Begin Re-Orientation	0 7/13/20 A 3/10/21									Be	gin Re-0	Drientati	on		· • • • • •						
TIA1.1090	BISC - Labor - Re-Orientation	12 7/13/20 A 3/10/21	7/25/20 A	3/10/21								BISC - L	abor - R	e-Orientati	on							
TIA1.1100	BISC - Mamt. Self Assessment	14 6/27/20 A 3/10/21	7/10/20 A	3/10/21							Віз	SC - Man	nt. Self/	Assessmen	t							
TIA1.1110	NRG - Review Approve - Outstanding Work Plan Submittals	64 3/19/20 A 3/10/21	6/1/20 A	3/10/21							RG Rev	iew Ap	orove - 0	Outstandin	g Work Pl	an Sub	mittals					
TIA1.1120	Crew Buildup Complete	0 7/27/20 A 3/10/21									₩	Crew Bu	ildup Co	mplete								
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PC1020	Major Demolition Equipment Mobilization	55 2/26/20 A 1/10/22	2/2/21	1/11/22	283		Ť	Ŭ.			: :	1	1: :			lajor De	molition Equipment Mob	ilization				
PC1030	Pre-Conference Kick-Off Meeting	10 9/20/19 A 3/10/21	10/1/19 A	3/10/21		Pre-C		ence Kick	Off Meeting	1			- -ii			****						
PC1040	Mobilize Early Equipment	9 10/28/19 3/10/21	3/3/20 A	3/10/21					Mob	ilize Early Equi	ipment											
PC1050	Install SWPPP Controls	10 11/7/19 A 3/13/21	11/18/19	3/13/21			Ins	stall SWP	PP Controls													
PC1060	NESHAP Notification	22 12/17/19 3/13/21	1/28/20 A	3/13/21		i	┍┼╢╼┥		NESHAP N	lotification												
PC1070	Install Scale	1 1/10/20 A 3/13/21	1/10/20 A	3/13/21					stall Scale													
PC1080	Title 22 Water Service piping Install	10 1/29/20 A 1/12/22	8/6/20 A	1/12/22			-				· • • -	Title 2	2 Water	Service pir	oing Instal	;;;						
No.6 Fuel Lin	e Purae & Removal	106 12/18/19 3/13/21	2/1/21	1/15/22	289										2/	/1/21. N	lo.6 Fuel Line Purae & R	emoval				
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PC1U1060	Platforms @ Fl 82'4" & 87'10" (Col 10-16)	1 11/15/19	3/30/21	11/15/19	3/30/21		_ ↓	l Platfo	orms @	EL 82'4" & 87'10" (Col. 10-16										
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ED.EP. 1020		90 12/9/19A	4/10/21	1/10/20 A	4/10/21															į.
ED.EP. 1030	Library Storego Dida	90 12/9/19A	4/10/21	1/3/20 A	4/10/21					¶Y								l		
ED.EP.1040	Storage Bldg.	90 12/9/19 A	4/10/21	1/3/20 A	4/10/21				Sicra	ige Blag.										Ì
ED.EP.1050	Paint Bidg.	90 12/9/19 A	4/16/21	1/3/20 A	4/16/21				Pan	Bidg.										
Intenor Powerh		264 11/19/19	3/30/21	//2//20 A	6/14/21							27/20 A, Interior Powerro	buse							
ED.IP.1000	Unit 3 Electric Disconnect Mezz to Roof (Col. 10-16; D-H)	39 11/19/19	3/30/21	1/21/20 A	3/30/21		Ī			hit 3 Electric Disconnect Me	zz to Ro	opf (Cq. 10-16; D-H)								
ED.IP.1010	Lab Bldg. (Col. G/ 14-15) - O Floor	0 12/9/19 A	4/16/21	1/27/20 A	4/16/21					Lab Bldg. (Col. G/ 14-15)+(P⊢loor							 		
ED.IP.1020	Print Room & Library (Col. G/ 9-14) - O Floor	90 12/9/19 A	4/16/21	1/28/20 A	4/16/21					Print Room & Library (Col. C	/9-14)	-OFIOP								
ED.IP.1030	Small Office (Col. G/ 11-12) - M Floor	90 12/9/19 A	4/16/21	2/12/20 A	4/16/21					Small Office (Col. G/ 11-1	2) - M F	-oor								
ED.IP.1040	Men's Bathroom (Col. G/ 10-11) - M Floor	90 12/9/19 A	4/16/21	2/12/20 A	4/16/21					Men's Bathroom (Col. G/	10-11) -	-M Floor								÷
ED.IP.1050	4 CEM Shack (Col. E-10) - O Floor	90 12/9/19 A	4/16/21	1/30/20 A	4/16/21					4 CEM Shack (Col. E-10)	Floor									
ED.IP.1060	1,2,3 CEM Shack (Col. E-10) - O Floor	90 12/9/19 A	4/16/21	1/29/20 A	4/16/21					1,2,3 CEM Shack (Col. E-10) - Q Fk	dor			i i i ++					
ED.IP.1070	Unit 2 Electric Disconnect Mezz to Roof (Col. 5-16; D-H)	15 1/8/20 A	3/30/21	2/14/20 A	3/30/21					Unit 2 Electric Disconnec	t Mezz t	to Roof (Col. 5-16; D-H)								
ED.IP.1080	Unit 1 Electric Disconnect Mezz to Roof (Col. 1-5; D-H)	15 2/14/20 A	3/30/21	3/11/20 A	3/30/21					Unit 1 Electric Disco	nnect M	1ezz to Roof (Col. 1-5; D								-
ED.IP.1090	Exterior Lighting on Powerhouse & Cameras	10 7/13/20 A	3/30/21	7/27/20 A	3/30/21						IL ≁E×	derior Lighting on Power	iouse & Can	eras						
ED.IP.1100	Unit 5 Electric Disconnect Mezz to Roof (Col. 26-31; D-K)	16 7/13/20 A	4/16/21	7/27/20 A	4/16/21						Ur Ur	nit 5 Electric Disconnect	lezz to Roof	Col. 26-31; D	K)					
ED.IP.1110	Operator's Maint. Office (Col. D/ 1-2) - O Floor	1 7/13/20 A	4/16/21	7/27/20 A	4/16/21					 -	I ∎'⊲ot	peratoris Maint. Office (C	ol. D/ 1-2) - C	Floor	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;				ļ	
ED.IP.1120	Unit 4 Electric Disconnect Mezz to Roof (Col. 16-23; D-H)	12 7/13/20 A	4/16/21	7/27/20 A	4/16/21						Ur	nit 4 Electric Disconnect	lezz to Roof	Col. 16-23; D	H)					
ED.IP.1130	5 CEM Shack (Col. F-G/ 30) - O Floor	12 7/13/20 A	5/20/21	7/27/20 A	5/20/21							CEM Shack (Col. F-G/ 30) - O Floor							÷
ED.IP.1140	Supply Room (Col. G/ 9-12) - B Floor	1 7/13/20 A	5/20/21	7/27/20 A	5/20/21						l∎+sι ⊢_	upply Room (Col. G/ 9-12) - B Floor							
ED.IP.1150	Small Office (Col. C/ 5-6) - B Floor	1 7/13/20 A	5/20/21	7/27/20 A	5/20/21						i∎¦ =\$r	mall Office (Col. C/ 5-6) -	3 Floor							÷
ED.IP.1160	Equipment Room (Col. H/ 16-17) - B Floor	1 7/13/20 A	5/20/21	7/27/20 A	5/20/21						i∎i⊲ ≜c	quipment Room (Col. H/	16-17) - B Flo	br	· · · ·			1		
ED.IP.1170	Sub-Basement Operating Station (Col. D/ 24-25) - B Floor	1 7/13/20 A	5/20/21	7/27/20 A	5/20/21					-	⊟ ≓\$ι	up-Basement Operating	Station (Col.)/ 24-25) - B F	loor					÷
ED.IP.1180	LOTO Shack (Col. D/ 12-13) - O Floor	1 7/13/20 A	5/5/21	7/27/20 A	5/5/21							DTO Shack (Col D/ 12-1) O Floor							
ED.IP.1190	1/2 Control Room (Col. D/ 4-6) - O Floor	1 7/13/20 A	5/20/21	7/27/20 A	5/20/21						1/2	2 Control Room (Col. D/	f-6) - O Floor							
ED.IP.1200	5 Control Room (Col. D/ 30) - O Floor	1 7/13/20 A	6/14/21	7/27/20 A	6/14/21						5	Control Room (Col. D/ 30) - O Floor							
ED.IP.1210	3/4 Control Room (Col. D/ 13-17) - O Floor	1 7/13/20 A	5/4/21	7/27/20 A	5/4/21						3/4	4 Control Room (Col. D/	(3-17) - O Flo	or						
Interior Demoliti	on	187 9/11/20 A	4/3/21	4/21/21	5/28/21	33								4/21/	21, Interior D	emolition				
Unit 1 Turbine /	Generator / Condenser	80 1/15/21 A	5/3/21	4/21/21	5/28/21	33								4/21/	21, Unit 1 Tu	rbinė / Generato	r / Condenser			
ID.U1.1000	Shell Removal	4 1/15/21 A	5/3/21	2/3/21	5/3/21	76							► <mark>►</mark> I Shel	Removal						÷
ID.U1.1010	Prep Motor	3 1/21/21 A	5/5/21	1/25/21 A	5/5/21								Prep N	otor						
ID.U1.1020	Cut Rotor	1 3/27/21	5/5/21	3/29/21	5/5/21	33								Cut Roto						
ID.U1.1030	Consender & Tube Pre-Cut	12 3/29/21	5/6/21	4/12/21	5/19/21	33								Conse	nder & Tube	Pre-Cut				

Data Date: 2/1/21		MA0842	2-U-10 - MA	<u>.0842 N</u>	VRG Enc	a Power Station - Update 10 - 2021-02-01	05. Detailed Schedule	Page 3 of 15
Activity ID	Activity Name	Orig Dur Start Late	e Start Finish	n Lat	e Finish Flo	2020	2021	2022
						عام Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar	Apr May Jun Jul Aug Sep Oct Nov Dec Jan Fel	o Mar Apr May n
ID.U1.1040	Basement Floor Mounted Equipment Bolt Removal	5 4/12/21 5/20)/21 4/17/	21 5/2	5/21		Basement Floor Mounted Equipment Bolt Removal	
ID.U1.1050	Heavy Piping Unit Seperation	3 4/17/21 5/26	6/21 4/21/	21 5/2	8/21		Heavy Piping Unit Seperation	
Unit 2 Turbine	/ Generator / Condenser	94 12/8/20 A 4/19	9/21 4/5/2	1 5/1	9/21		4/5/21, Unit 2 Turbine / Generator / Condenser	
ID.U2.1000	Shell Removal	4 12/8/20 A 4/19	9/21 2/2/2	1 4/1	9/21		emoval	
ID.U2.1010	Prep Motor	3 1/19/21 A 4/20)/21 1/20/	21 A 4/2	0/21	Prep:Met	pr	
ID.U2.1020	Cut Rotor	2 3/12/21 4/20)/21 3/15/	21 4/2	1/21		Cut Rotor	
ID.U2.1030	Consender & Tube Pre-Cut	11 3/15/21 4/22	2/21 3/27/	21 5/4	/21		Consender & Tube Pre-Cut	
ID.U2.1040	Basement Floor Mounted Equipment Bolt Removal	5 1/26/21 A 5/12	2/21 4/1/2	1 5/1	5/21		Basement Floor Mounted Equipment Bolt Removal	
ID.U2.1050	Heavy Piping Unit Seperation	3 4/1/21 5/17	7/21 4/5/2	1 5/1	9/21		F Heavy Piping Unit Seperation	
Unit 3 Turbine	/ Generator / Condenser	84 12/7/20 A 4/3/	21 3/20/	21 5/1	1/21		3/20/21, Uhit 3 Turbine / Generator / Condenser	
ID.U3.1000	Shell Removal	3 12/7/20 A 4/17	7/21 2/1/2	1 4/1	7/21		ernoval	
ID.U3.1010	Prep Motor	2 1/18/21 A 4/3/	21 1/19/	21 A 4/3	/21			
ID.U3.1020	Cut Rotor	2 2/24/21 4/3/	21 2/26/	21 4/5	/21		Rotor	
ID U3 1030	Consender & Tube Pre-Cut	12 2/26/21 4/6/	21 3/12/	21 4/1	9/21		Consender & Tube Pre-Cut	
ID U3 1040	Basement Floor Mounted Equipment Bolt Removal	5 12/14/20 5/4/	21 3/16/	21 5/6	/21	╎╶╧╌╌╌┊╎╴╴┊╴╴╢╸╴╎┤╴╠╎╏╶╎┊╴╴╴┊╴╴╴┊╴╴╴╫╎╏╏╴╎┊╴╴╴╢┊╴╴╴╎╢╴╴╴╴╎┨╎ <mark>┾╌╸╴┼╠╎╎╴╴╶┶╸</mark> ╏╸	Basement Floor Mounted Eduipment Bolt Removal	
ID LI3 1050	Heavy Piping Unit Separation	4 3/16/21 5/7/	21 3/20/	21 5/1	1/21	│ःःः│ः <mark>∭</mark> ││∭││∭││ःःःः । ∭││∭│ [™]	Heavy Piping Unit Seperation	
Unit A Turbine	/ Generator / Condensor	94 9/19/20 A 4/3/	21 2/27/	21 5/3	/21		7/21 Unit 4 Turbine / Generator / Condenser	
	Shall Removal	4 11/17/20 4/1	ZI ZIZII ZI21 11/20	21 0/0	7/21			
ID.04.1000	Shell Removal	4 11/17/20 4/17 2 10/7/20 A 4/2/	1/21 11/20	/20 4/1	1/21			
ID.04.1010		3 10/1/20A 4/3/	21 10/10	//20 4/3	/21			
ID.04.1020	Cut Rotor	3 10/13/20 4/3/	21 10/18	6/20 4/3	/21			
ID.04.1030	Consender & lube Pre-Cut	15 9/19/20 A 4/3/	21 12/18	6/20 4/3	/21	Consenaer & ru	pe Pre-Cut	
ID.04.1040	Basement Floor Mounted Equipment Bolt Removal	6 1/12/21 A 4/30)/21 2/26/	21 5/1	/21		sement Floor Mounted Equipment Bolt Removal	
ID.04.1050	Heavy Piping Unit Seperation	4 1/12/21 A 5/3/	21 2/27/	21 5/3	/21		avy Piping Unit Seperation	
Unit 5 Turbine	/ Generator / Condenser	75 9/11/20 A 4/3/	21 12/9/	20 A 4/3	0/21	· · · · · · · · · · · · · · · · · · ·	Turbine / Generator / Condenser	
ID.U5.1000	Shell Removal	4 9/14/20 A 4/3/	21 10/2/	20 A 4/3	/21			
ID.U5.1010	Prep Motor	3 9/19/20 A 4/3/	21 10/5/	20 A 4/3	/21	Prep Motor		
ID.U5.1020	Cut Rotor	3 10/12/20 4/3/	21 10/15	5/20 4/3	/21			
ID.U5.1030	Consender & Tube Pre-Cut	15 9/11/20 A 4/3/	21 11/24	/20 4/3	/21	: : Consender & Tube F	re-Cut	
ID.U5.1040	Basement Floor Mounted Equipment Bolt Removal	6 11/19/20 4/30)/21 12/9/	20 A 4/3	0/21	Easeament Floch	ounted Equipment Bolt Removal	
ID.U5.1050	Heavy Piping Unit Seperation	4 11/23/20 4/30)/21 12/9/	20 A 4/3	0/21		Seperation	
Chimney Demo	lition	367 3/19/20 A 4/20)/21 6/4/2	1 1/2	5/22 1		✓ 6/4/21, Chimney Demolition	
CD.1000	Stack Submittals - Submit	1 3/19/20 A 4/20)/21 8/1/2	0 A 4/2	0/21	Stack Submittas Submit		
CD.1005	Stack Submittals - Review	5 8/2/20 A 4/20)/21 9/18/	20 A 4/2	0/21	Stack Submittals: Review		
CD.1010	Remove Breeching	14 8/12/20 A 4/20)/21 8/26/	20 A 4/2	0/21	Remove Breeching		
CD.1020	Mobilization	1 9/21/20 A 4/20)/21 9/21/	20 A 4/2	0/21	Mobi iz atidh		
CD.1030	New Hire & Safety Training	1 9/21/20 A 4/20)/21 9/22/	20 A 4/2	0/21	New Hire & Safet Training		
CD.1040	Deliveries/Site Set-Up/Establish Access Zones	2 9/22/20 A 4/20)/21 9/23/	20 A 4/2	0/21	Deliv eries /Site Set Up/Establish	Access Zones	
CD.1050	Enlarge Construction Opening	1 3/9/21 4/20)/21 3/10/	21 4/2	1/21	▏┊┊┊┊┊┊ <mark>╋</mark> ╎╎╢╢╎┊┊┊┊┊┊┊╢╢╢╴╢╢╢╢ <mark>╢╴╢╢╢╎╶┊╢╎╵└┿╢</mark> ┇	nlarge Construction Opening	
CD.1060	Install Construction Covers/Cover Louvers & Vents	2 9/24/20 A 4/2	1/21 3/12/	21 4/2	2/21	▎▝▖▕▕▏▝▖▕▋▎▎▏▓▌▎▏▓▖▝▖▝▖▝▖▕▌▋▋▐▖▕▕▌ <mark>▌</mark> ▖▖	nstall Construction Covers/Cover Louvers & Vents	
CD.1070	Cover Breeching Opening	6 11/23/20 4/23	3/21 3/19/	21 4/2	9/21	╽╴╕╴╴╴╸╽╴╴╴╴╴║╸╴╎╎╎╢╽╶╎╴╴╴╴╴╴╴╴╎╎┨╴┨╴╴╴╴╎╎╎╶╵║╎╴╴╵╎╎╴╵║ ╵╵┨┇╸╸╸╸╸╸╸ ╠╴	Cover Breeching Opening	
CD.1080	Demo CEMs Bldg @ Base Interior	3 9/25/20 A 4/30)/21 9/30/	20 A 4/3	0/21	Demo CEMs Bidd @ Base Int	enjor di la companya	
CD.1090	Concrete Shell Removal Bottom 53'	1 6/3/21 1/25	5/22 6/4/2	1 1/2	5/22 1		Concrete Shell Removal Bottom 53	
Liner Removal		49 10/19/20 4/30)/21 3/24/	21 5/4	/21		3/24/21 Liner Removal	
CD.LR.1000	Install Bracket Scaffolding	2 10/19/20 4/30)/21 10/30)/20 4/3	0/21	Install Bracket Scaffoldin		
CD.LR.1010	Demo Lower Interior Floor/Storage Area	5 10/21/20 4/30)/21 1/14/	21 A 4/3	0/21		F Interior Floor/Storage Area	
CD.LR.1020	Chip & Remove Liner Floor & Center Beams	3 10/26/20 4/30)/21 1/18/	21 A 4/3	0/21		move Liner Floor & Center Beams	
CD I R 1030	Remove Rainhood/Roof	5 10/20/20 4/30)/21 11/5/	20 A 4/3	0/21			
CD I R 1040	Install Bigging Beams/Hoist/Interior Work Deck	5 10/28/20 4/30)/21 11/0/	20 A 4/3	0/21		Hoist/Interior Work Deck	
CD L R 1050	Wash Interior of Liner	2 11/0/20 A //20)/21 11/10	/20 1/2	0/21			
CDLP 1170		Δ 2/10/21 A/2)/21 2/24/	21 5/4	/21		Cut Liner Sunnort Beams	
Domo Linor & L	Breaching Duct in Annulus	28 11/11/20 4/20)/21 2/20/	21 Δ //2	0/21		8/21 A Demo Liner & Breeching Duct in Amulue	
	Liner Dome 277' to 245'	2 11/11/20 4/30)/21 2/28/	217 4/3	0/21			
CD.LR. 1060		3 11/11/20 4/30 2 40/4/00 A 4/00)/21 11/2U	/20 4/3	0/21		212	
CD.LR.1070		3 12/1/20 A 4/30	וצ/11	/20 4/3	0/21		u 313	

Data Date: 2/1/21		MA	.0842-U-10	- MA084	2 NRG 1	<u>Encina Power Station - Update 10 - 2021-02-01</u>	05. Detailed Schedule Page 4 of 7
Activity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	n Float	2021
						sp Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct <u>Nov Dec J</u>	an Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr Ma
CD.LR.1080	Liner Demo 313' to 281'	1 12/14/20	4/30/21	12/15/20	4/30/21		er Demo 3 13 tb 281'
CD.LR.1090	Liner Demo 281' to 249'	2 12/15/20	4/30/21	12/15/20	4/30/21		er Demo 2811 to 249
CD.LR.1100	Liner Demo 249' to 217'	2 12/16/20	4/30/21	12/16/20	4/30/21		er Demo 249 to 217'
CD.LR.1110	Liner Demo 217' to 185'	1 12/17/20	4/30/21	12/18/20	4/30/21		ner Demo 217 to 185'
CD.LR.1120	Liner Demo 185' to 153'	2 1/12/21 A	4/30/21	1/14/21 A	4/30/21		Liner Demo 185' to 153'
CD.LR.1130	Liner Demo 153' to 121'	2 1/15/21 A	4/30/21	1/18/21 A	4/30/21		Liner Demo 153 to 121
CD.LR.1140	Liner Demo 121' to 89'	1 1/19/21 A	4/30/21	1/21/21 A	4/30/21		Liner Demo 121' to 89'
CD.LR.1150	Liner Demo 89' to 57'	2 1/22/21 A	4/30/21	1/25/21 A	4/30/21		Liner Temp 89 to 57
CD.LR.1160	Liner Demo 57' to 48'	2 1/26/21 A	4/30/21	2/28/21 A	4/30/21		►
Platform Remo	val	20 11/23/20	5/5/21	4/7/21	5/18/21	36 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	▼ 4/7/21, Platform Removal
CD.PR.1000	Demo Conduit (2 runs)	2 3/24/21	5/5/21	3/26/21	5/6/21	36	Demo Conduit (2 runs)
CD.PR.1010	Demo Interior Platform @ 168'9" from Working Deck	3 3/26/21	5/7/21	3/30/21	5/10/21	36	Demo Interior Platform @ 168'9" from Working Deck
CD.PR.1020	Demo Interior Trolley System @ 252'6" from Working Deck	3 3/26/21	5/7/21	3/30/21	5/10/21	36	Demo Interior Trolley System @ 252'6" from Working Deck
CD.PR.1030	Demo Interior Platform @ 258'0"	3 3/30/21	5/11/21	4/2/21	5/13/21	36	┣━┫ Demo Interior Platform @ 258'0"
CD.PR.1040	Demo Interior Trolley System @ 364'6"	3 3/30/21	5/11/21	4/2/21	5/13/21	36	➡I ➡Demo Interior Trolley System @ 364′6"
CD.PR.1050	Demo Interior Platform @ 368'0"	3 1/12/21 A	5/14/21	1/14/21 A	5/14/21		Demo Interior Platform @ 368'0"
CD.PR.1060	Demo Exterior Platform @ 368'0"	1 11/23/20	5/14/21	1/19/21 A	5/14/21		Demo Exterior Platform @ 368'0"
CD.PR.1070	Demo Exterior Trolley System @ 375'0"	1 1/20/21 A	5/14/21	1/20/21 A	5/14/21		Demo Exterior Trolley System @ 375'0"
CD.PR.1080	Demo Interior Rest Platforms	2 4/2/21	5/14/21	4/5/21	5/15/21	36	Demo Interior Rest Platforms
CD.PR.1090	Demo Interior Ladder	2 4/5/21	5/17/21	4/7/21	5/18/21	36	Demo Interior Ladder
Concrete Shell	Removal top 377' to 50'	49 4/7/21	5/19/21	6/3/21	1/24/22		6/3/21, Concrete Shell Removal top 377' to 50'
CD.CS.1000	Modify Bracket Scaffold for Demo	1 4/7/21	5/19/21	4/8/21	5/19/21	36	Modify Bracket Scaffold for Demo
CD.CS.1010	Run Air Lines/Power Cables	1 4/8/21	5/20/21	4/9/21	5/20/21	36	Run Air Lines/Power Cables
CD.CS.1020	Demo Concrete 377' to 361'	3 4/9/21	5/21/21	4/13/21	5/24/21	36	Demo Concrete 377' to 361'
CD.CS.1030	Demo Concrete 361' to 345'	1 4/13/21	5/25/21	4/14/21	5/25/21	36	Demo Concrete 361' to 345'
CD.CS.1040	Demo Concrete 345' to 329'	2 4/14/21	5/26/21	4/16/21	5/27/21	36	Derho Concrete 345' to 329'
CD.CS.1050	Demo Concrete 329' to 313'	2 4/16/21	5/28/21	4/19/21	5/29/21	36	Demo Concrete 329' to 313'
CD.CS.1060	Demo Concrete 313' to 297'	1 4/19/21	5/31/21	4/20/21	5/31/21	36	Demo Concrete 313' to 297'
CD.CS.1070	Demo Concrete 297' to 281'	2 4/20/21	6/1/21	4/22/21	6/2/21	36	Demo Concrete 297' to 281'
CD.CS.1080	Demo Concrete 281' to 265'	2 4/22/21	6/3/21	4/24/21	6/4/21	36	Demo Concrete 281' to 265'
CD.CS.1090	Demo Concrete 265' to 249'	1 4/24/21	6/5/21	4/26/21	6/5/21	36	Demo Concrete 265' to 249'
CD.CS.1100	Demo Concrete 249' to 233'	2 4/26/21	6/7/21	4/28/21	6/8/21		Demo Concrete 249' to 233'
CD.CS.1110	Demo Concrete 233' to 217'	2 4/28/21	6/9/21	4/30/21	6/10/21		Demo Concrete 233' to 217'
CD.CS.1120	Demo Concrete 217' to 201'	1 4/30/21	6/11/21	5/1/21	6/11/21		Demo Concrete 217' to 201'
CD.CS.1130	Demo Concrete 201' to 181'	2 5/1/21	6/12/21	5/4/21	6/14/21		Demo Concrete 201' to 181'
CD.CS.1140	Demo Concrete 181' to 173'	2 5/4/21	6/15/21	5/6/21	6/16/21		Perior Concrete 181' to 173'
CD.CS.1150	Demo Concrete 173' to 165'	1 5/6/21	6/17/21	5/7/21	6/17/21		Demo Concrete 173' to 165'
CD.CS.1160	Demo Concrete 165' to 157'	2 5/7/21	6/18/21	5/10/21	6/19/21		
CD.CS.1170	Demo Concrete 157' to 150'	2 5/10/21	6/21/21	5/12/21	6/22/21		
CD.CS.1180	Demo Concrete 150 to 145	1 5/12/21	6/23/21	5/13/21	6/23/21		
CD.CS.1190	Demo Concrete 145' to 140'	2 5/13/21	8/26/21	5/15/21	8/27/21		
CD.CS.1200	Demo Concrete 140 to 135	2 5/15/21	8/28/21	5/18/21	8/30/21		
CD.CS.1210	Demo Concrete 135 to 128	2 5/18/21	8/31/21	5/20/21	9/1/21		
CD.CS.1220	Demo Concrete 128 to 113	2 5/20/21	9/2/21	5/22/21	9/3/21		
CD.CS. 1230	Demo Concrete 113 to 98	1 5/22/21	9/4/21	5/24/21	9/4/21		
CD.CS.1240	Demo Concrete 98 to 83	2 5/24/21	9/0/21	5/20/21	9/7/21		
CD.C3.1230	Demo Concrete 68' to 53'	2 0/20/21 1 5/00/01	9/0/21	5/20/21	9/10/21		
CD.C3.1200	Deuto conciete do to 35	1 3/20/21	3/10/21	6/2/21	3/10/21		
Bourse Block De		4 5/29/21 600 12/14/10	3/20/24	12/9/21	1/24/22		
Power Block De	Nonuon Plack Domalitian	600 1/10/20 4	3/30/21	12/0/21	1/25/22		12/0/21 Hower Block Demo
PR US 1000	Demo ED Ean Bldg. Col. 26 to 31 / H to K	1/10/20 A	A/27/21	2/5/21	4/30/21		Demois D Ebin Bida, Col. 26 to 31 / H to K
PR LIS 1010	Demo Col A to A1 / 31 to 25	4 3/3/20 A	5/1/21	2/12/21	5/5/21		
1 0.03.1010		4 2/10/21	5/ 1/21	2/13/21	5/5/21		

Data Date: 2/1/21	1		MAOE	842-U-10	- MA084	2 NRG E	ncind	na Power Station - Update 10 - 2021-02-01
Activity ID	Activity Name	Orig Dur Star	rt L	Late Start	Finish	Late Finish	Float	0000
								2020 ≥p Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan
PB.U5.1020	Demo Turbine Structure Col.s 23-31 / D-A	4 6/3/2	21 7	7/15/21	6/8/21	7/19/21	36	
PB.U5.1025	Clear Non-Structural Col.s 26-31/D-A Basement to El. 34	10 5/21	1/21 9	9/15/21	6/2/21	9/25/21	100	
PB.U5.1030	Demo & Clear Accessible Turbine Basement Col.s 23-31 / D-A	8 4/21	1/21 5	5/29/21	4/30/21	6/7/21	33	
PB.U5.1060	Boiler 5 East Side Wall & Tube Mouthing	9 10/8	3/21 1	11/16/21	10/19/21	11/26/21	33	
PB.U5.1070	Boiler 5 Mechanical Demo	10 10/1	19/21 1	11/29/21	10/30/21	12/9/21	33	
PB.U5.1080	Structural Demo Col.'s 23-31 / F1 to D	13 10/3	30/21 1	12/10/21	11/15/21	1/4/22	33	
PB.U5.1090	Demo & Clear to Basement Elevation Col.'s 23-31 / F1 to A	18 11/1	5/21 1	1/5/22	12/8/21	1/25/22	33	
PB.U5.1100	Hammer Turbine Base to Final Grade Elevation	9 4/30	0/21 1	1/15/22	5/11/21	1/25/22	212	
Non-ACM Insu	lation Removal	338 1/10)/20 A 3	3/30/21	2/2/21	4/29/21	74	
PB.U5.IR.1	Platform El. 125'7" (Col. F-H/ 26-31)	3 1/10)/20 A 3	3/30/21	1/13/20 A	3/30/21		► Fatform EI. 125'7" (Col. F-H 21-31)
PB.U5.IR.1	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	3 1/14	4/20 A 4	4/3/21	1/15/20 A	4/3/21		Dearator Platform EI. 109"0" (Col. D-H/ 26-31)
PB.U5.IR.1	Platform El. 98'0" (Col. D-H/ 26-31)	2 1/16	6/20 A 4	4/3/21	1/17/20 A	4/3/21		Platform El 98'0" (Col. D-H/2631)
PB.U5.IR.1	Platform El. 89'0" (Col. D-H/ 26-31)	2 1/17	7/20 A 🛛	4/3/21	1/18/20 A	4/3/21		Platform El. 89'0" (Col. D-H(2631)
PB.U5.IR.1	Platform El. 81'0" (Col. D-H/ 26-31)	1 1/20)/20 A 4	4/3/21	1/20/20 A	4/3/21		Patform El. 81'0" (Col, D-H 24-31)
PB.U5.IR.1	Platform El. 73'0" (Col. D-H/ 26-31)	2 1/21	1/20 A 🛛 4	4/3/21	1/21/20 A	4/3/21		▶ Patform El. 73'0" (Col. D-H 24-31)
PB.U5.IR.1	Platform El. 64'0" (Col. D-H/ 26-31)	2 1/22	2/20 A 4	4/3/21	1/22/20 A	4/3/21		Patform El. 64'0" (Col. D-H/ 26-3 1)
PB.U5.IR.1	Platform El 53'1"(Col. D-H/ 26-31)	2 1/23	3/20 A 🛛	4/3/21	1/23/20 A	4/3/21		📕 🕂 (Platform El 53'1"(Col. D-H/263))
PB.U5.IR.1	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	5 1/24	4/20 A 🛛 4	4/3/21	1/28/20 A	4/3/21		Dperating Fl. El. 34'0" (Cdi D-H/ 26-81)
PB.U5.IR.1	Burner Platform El. 25'0" (Col. D-H/ 26-31)	2 1/28	3/20 A 🛛	4/28/21	1/28/20 A	4/28/21		■ 🕂 Burner Platform El. 25'0" (Col. D-H/ 26-31)
PB.U5.IR.1	Burner Platform El. 16'0" (Col. D-G/ 26-31)	2 1/29	9/20 A 4	4/28/21	1/29/20 A	4/28/21		Burner Platform El. 16'0" 🗘 D-G/ 26-31
PB.U5.IR.1	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1 1/30)/20 A 4	4/28/21	1/30/20 A	4/28/21		Burner Platform El. 7'0" (Cp. D.G/ 26-31)
PB.U5.IR.1	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	2 1/31	1/20 A 🛛 4	4/28/21	1/31/20 A	4/28/21		📕 두 Fan Room Fl. El. 0'0" (Cdl 🗗 🗗 26-81)
PB.U5.IR.1	Basement Fl. El14'0" (Col. D-G/ 26-31)	2 2/1/2	21 4	4/28/21	2/2/21	4/29/21	74	
Unit 4 - Power	Block Demolition	576 1/20)/20 A 3	3/30/21	11/8/21	2/5/22	67	
PB.U4.1000	Demo Col. A to A1 / 22 to 18	1 2/23	3/21 4	4/2/21	2/24/21	4/2/21	33	
PB.U4.1010	Demo Turbine Structure Col.s 16-23 / D-A	4 5/29	9/21 7	7/10/21	6/3/21	7/14/21	36	
PB.U4.1020	Demo & Clear Accessible Turbine Basement Col.s 16-23 / D-A	8 4/30	0/21 6	6/8/21	5/10/21	6/16/21	33	
PB.U4.1025	Clear Non-Structural Col.s 16-23/D-A Basement to El. 34	10 5/10	0/21 9	9/3/21	5/21/21	9/14/21	100	
PB.U4.1050	Boiler 4 East Side Wall & Tube Mouthing	10 8/31	1/21 1	10/8/21	9/11/21	10/19/21	33	
PB.U4.1060	Boiler 4 Mechanical Demo	10 9/11	/21 1	10/20/21	9/23/21	10/30/21	33	
PB.U4.1070	Structural Demo Col.'s 16-23 / F1 to D	13 9/23	3/21 1	11/1/21	10/8/21	11/15/21	33	
PB.U4.1080	Demo & Clear to Basement Elevation Col.'s 16-23 / F1 to A	18 10/8	3/21 1	1/7/22	10/29/21	1/27/22	67	
PB.U4.1090	Hammer Turbine Base to Final Grade Elevation	8 10/2	29/21 1	1/28/22	11/8/21	2/5/22	67	
Non-ACM Insu	lation Removal	70 1/20	0/20 A 3	3/30/21	2/25/20 A	4/28/21		2/25/20 A, Non-ACM Insulation Removal
PB.U4.IR.1	Platform El. 126'3" (Col. E-F/ 16-23)	3 1/20	D/20 A 3	3/30/21	1/23/20 A	3/30/21		
PB.U4.IR.1	Platform El. 1160'6" (Col. D-H/ 16-23)	3 1/23	3/20 A 3	3/30/21	1/25/20 A	3/30/21		■
PB.U4.IR.1	Platform El. 100'3" (Col. D-H/ 16-23)	2 1/27	7/20 A 3	3/30/21	1/29/20 A	3/30/21		Platform EI. 100'3" (Col. D↓+ 16-23)
PB.U4.IR.1	Platform El. 91'3" (Col. D-H/ 16-23)	2 1/29	9/20 A 3	3/30/21	1/31/20 A	3/30/21		Platform El. 91'3" (Col. D+1/16-23)
PB.U4.IR.1	Platform El. 82'3" (Col. D-H/ 16-23)	2 2/1/	20 A 3	3/30/21	2/4/20 A	3/30/21		Platform El. 82'3" (Col. D+116-23)
PB.U4.IR.1	Platform El. 72'0" (Col. D-F/ 16-23)	2 2/4/	20 A 3	3/30/21	2/7/20 A	3/30/21		Flatform El. 72'0" (Col. p.f. 16-23)
PB.U4.IR.1	Platform El. 63'3" (Col. D-H/ 16-23)	2 2/7/	20 A 3	3/30/21	2/10/20 A	3/30/21		Platform El. 63'3" (Col. ₽+1/ 6-28)
PB.U4.IR.1	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	3 2/10)/20 A 3	3/30/21	2/13/20 A	3/30/21		Air Heater Fl. 42'6"(Col CH-l 16-23)
PB.U4.IR.1	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	5 2/13	3/20 A 3	3/30/21	2/17/20 A	3/30/21		Operating FI. El. 34'0"/(del.D-H/ 16-23)
PB.U4.IR.1	Burner Platform El. 23'8" (Col. D-H/ 16-23)	4 2/17	7/20 A 4	4/17/21	2/19/20 A	4/17/21		B □ □ □ □ □ Burner Platform El. 2 3/81 (⊄ ol. D+V 16[2β) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
PB.U4.IR.1'	Burner Platform El. 15"4" (Col. D-G/ 16-23)	4 2/19	9/20 A 4	4/17/21	2/21/20 A	4/17/21		Burner Platform El. 1 5'1 (Col. [0 -G/ 16-23)
PB.U4.IR.1'	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	4 2/21	1/20 A 4	4/28/21	2/22/20 A	4/28/21		Basement Fl. El. 0'0' (Gel. G-H/ 16-23) []
PB.U4.IR.1'	Basement FI. El14'0" (Col. D-F/ 17-23)	4 2/22	2/20 A 4	4/28/21	2/25/20 A	4/28/21		BBasement FI. El14/0 Cpl. D-#/ 17-23)
Unit 3 - Power	Block Demolition	537 12/1	14/19 3	3/30/21	9/13/21	1/6/22	89	
PB.U3.1000	Demo Turbine Structure Col.s 10-16 / D-A	4 5/22	2/21 7	7/6/21	5/27/21	7/9/21	38	
PB.U3.1010	Demo & Clear Turbine Basement Col.s 10-16 / D-A	6 5/10	0/21 6	6/17/21	5/17/21	6/23/21	33	
PB.U3.1040	Boiler 3 West Side Wall & Tube Mouthing	5 8/4/2	21 9	9/11/21	8/10/21	9/16/21	33	
PB.U3.1050	Boiler 3 Mechanical Demo	8 8/10	0/21 9	9/17/21	8/19/21	9/25/21	33	
PB.U3.1060	Structural Demo Col.'s 10-16 / H-D	10 8/19	9/21 9	9/27/21	8/31/21	10/7/21	33	

05. Detailed Schedule

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Data Date: 2/1/21	1		MA	0842-U-10	- MA084	2 NRG E	ncin	n Powe	er Stat	ion -	Update 10 - 20	<u>)21-0</u>)2-0	1			
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float					2020					
								p Oct N	lov Dec	Jan F	- eb Mar Apr May J	un Ju	Aug	J Sep	Oct N	lov De	c Jan
PB.U3.1070	Demo & Clear to Basement Elevation Col.'s 10-16 / H-D	11	8/31/21	12/15/21	9/13/21	1/6/22	89										
PB.U3.1080	Hammer Turbine Base to Final Grade Elevation	5	5/17/21	6/30/21	5/22/21	7/5/21	38							(†			
Non-ACM Insu	lation Removal	202	12/14/19	3/30/21	7/29/20 A	4/17/21							7/2	/9/20 / 4	, Non-A	CM Ins	ulation F
PB.U3.IR.1	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2	12/14/19	3/30/21	12/16/19	3/30/21				ventilat i	ng Fan Fl. El. 118'6" (0	.ol. 10.1	16)	di F			
PB.U3.IR.1	ID & Fan Fl. El. 98'6" (Col. 10-16)	2	12/17/19	3/30/21	12/20/19	3/30/21			 ►	ID& Fa	n Fl. El. 98'6" (Col. 10	16					
PB.U3.IR.1	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1	3/3/20 A	3/30/21	3/3/20 A	3/30/21					Platforms @ El	32'4' 8	87'10'	(Col. 1	0-16)		
PB.U3.IR.1	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2	3/4/20 A	3/30/21	3/7/20 A	3/30/21					Preheater/Dear	atorF	E 1. 72	6" (Col	10-16)		
PB.U3.IR.1	Platform El. 61'4" (Col. 10-16)	1	3/9/20 A	3/30/21	3/9/20 A	3/30/21					Platform El. 61	4" (Co.	1¦0-16	1			
PB.U3.IR.1	Platform El. 50'0" (Col. 10-16)	1	3/10/20 A	3/30/21	3/11/20 A	3/30/21					Platform El. 50	/'0" (Cel.	. 10-16	<u>ا</u> (ا			
PB.U3.IR.1	Operating Fl. El. 34'0" (Col. 10-16)	2	3/12/20 A	4/17/21	3/14/20 A	4/17/21					Derating Fl. I	El. 840"	(Col	10-16)			
PB.U3.IR.1	Mezz. Fl. El. 17'6" (Col. 10-16)	2	3/16/20 A	4/17/21	3/18/20 A	4/17/21					Mezz. Fl. El.	<u>17'6'</u>	di. 10-	16)			
PB.U3.IR.1	Basement El. 0'0" (Col. 10-16)	2	7/27/20 A	4/17/21	7/29/20 A	4/17/21							Ba	semen	t EI. 0'0'	" (C ol. 1	10-16)
Unit 2 - Power	Block Demolition	314	7/27/20 A	4/17/21	8/17/21	12/14/21	101									T	
PB.U2.1000	Demo Turbine Structure Col.s 5-10 / D-A	4	6/11/21	8/11/21	6/16/21	8/14/21	52										
PB.U2.1010	Demo & Clear Turbine Basement Col.s 5-10 / D-A	8	5/17/21	6/24/21	5/26/21	7/2/21	33							- - - - - - - - - -			
PB.U2.1040	Boiler 2 West Side Wall & Tube Mouthing	5	7/8/21	8/16/21	7/14/21	8/20/21	33							(
PB.U2.1050	Boiler 2 Mechanical Demo	8	7/14/21	8/21/21	7/23/21	8/30/21	33							di F			
PB.U2.1060	Structural Demo Col.'s 5-10 / G-D	10	7/23/21	8/31/21	8/4/21	9/10/21	33							(†			
PB.U2.1070	Demo & Clear to Basement Elevation Col.'s 5-10 / G-D	11	8/4/21	12/2/21	8/17/21	12/14/21	101							(i i			
PB.U2.1080	Hammer Turbine Base to Final Grade Elevation	5	5/26/21	7/3/21	6/1/21	7/8/21	33							(<u> </u> - ⁺			
Non-ACM Insu	lation Removal	19	7/27/20 A	4/17/21	8/14/20 A	4/17/21								8/14/2	OA, Nor	-HCM	Insulatic
PB.U2.IR.1	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							╋╝║	Ventila	ting Flar	IFI EL	1186 (
PB.U2.IR.1	ID & Fan Fl. El. 98'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							╋╝║	ID & F	ah FI. E	I 98'6"	(Cd 5-1
PB.U2.IR.1	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							† ⊒	Platfor	ms@E	B2'4"	8 87 10
PB.U2.IR.1	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							‡ ⊒ !	Preher	ater/Dea	arator F	E 72
PB.U2.IR.1	Platform El. 61'4" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							† 	Platfor	nh El. 61	14 (Co	1. 5 16)
PB.U2.IR.1	Platform El. 50'0" (Col. 5-16)	1	8/3/20 A	4/17/21	8/14/20 A	4/17/21							† =	Platfor	nh El. 50) (Co	1. 5 16)
PB.U2.IR.1	Operating FI. El. 34'0" (Col. 5-16)	1	7/30/20 A	4/17/21	7/31/20 A	4/17/21							1 %	perating	3 FI. EI.	3 4 0 " (C	.al.16-16
PB.U2.IR.1	Mezz. Fl. El. 17'6" (Col. 5-16)	1	7/27/20 A	4/17/21	7/29/20 A	4/17/21							Me	zz FI	EI. 176	Col. 5	5-16)
PB.U2.IR.1	Basement El. 0'0" (Col. 5-16)	1	7/29/20 A	4/17/21	7/30/20 A	4/17/21							Ba	semer	it El. 00	Col !	5-16)
Unit 1 - Power	Block Demolition	290	8/1/20 A	4/17/21	7/21/21	2/5/22	161										
PB.U1.1000	Col. H / Col.'s 1 to 14 Concrete Wall Demo	5	3/31/21	1/12/22	4/5/21	1/17/22	235										
PB.U1.1010	Fuel Oil Room Partial Demo	1	4/2/21	1/17/22	4/2/21	1/17/22	237							(EL			
PB.U1.1020	Col. 1 / Col.'s H to A Concrete Wall Demo	6	4/6/21	1/18/22	4/12/21	1/24/22	235							(†			
PB.U1.1050	Boiler 1 West Side Wall & Tube Mouthing	5	6/11/21	7/20/21	6/17/21	7/24/21	33							(<u> </u> - ⁻			
PB.U1.1060	Boiler 1 Mechanical Demo	8	6/17/21	7/26/21	6/26/21	8/3/21	33										
PB.U1.1070	Structural Demo Col.'s 1-5 / H-D	10	6/26/21	8/4/21	7/8/21	8/14/21	33							(† † †			
PB.U1.1080	Complete Fuel Oil Room Demo	1	7/8/21	11/1//21	7/9/21	11/1//21	113							di l li			
PB.U1.1090	Derrio & Clear to Basement Elevation Col.'s 1-5 / G-D	10	7/9/21	11/18/21	1/21/21	12/1/21	113							∦ ∥			
PB.U1.1100	Demo Iurpine Structure Col.s 1-5 / D-A	6	0/4/21	7/13/21	0/11/21	7/19/21	33			- - -			<u>∦</u>]	{-		1	╶╬╣╂╢
PB.U1.1110	Derrio & Clear Turbine Basement Col.s 1-5 / D-A	3	0/1/21	7/9/21	0/4/21	7/12/21	33							∦ ∥			
PB.01.1120	Hammer Turbine Base to Final Grade Elevation	5	6/4/21	2/1/22	6/10/21	2/5/22	196						:				
Non-ACM Insu	lation Removal	14	8/1/20 A	4/17/21	8/18/20 A	4/17/21								8/18/2	20 A, NO		
PB.U1.IR.1	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1	8/1/20 A	4/17/21	8/18/20 A	4/17/21							₽! ₽	Ventia	ating Fa	n HI. EI.	
PB.U1.IR.1		1	8/1/20 A	4/1//21	8/18/20 A	4/17/21				- - -						1.98'6"	
PB.U1.IR.1	Pratroms (@ El 82'4" & 87'10" (Col. 1-5)	1	8/1/20 A	4/1//21	8/18/20 A	4/17/21							Ð	Platto	rims (dd l	<u></u> ∎82'4"	<u>[</u>][][
PB.U1.IR.1	Pieriealer/Dearator Fi. El. (2'6" (Col. 1-5)	1	0/1/20 A	4/17/21	8/18/20 A	4/17/21											
PB.U1.IR.1		1	0/1/20 A	4/1//21	8/18/20 A	4/17/21							₽₽				<u>"</u>
PB.UT.IK.1	FiduoIIII EI. 2010 (COI. 1-2)	1	0/1/20 A	4/17/21	0/10/20A	4/17/21											
			0/1/20 A	4/17/21	0/ 10/20 A	4/17/21				- - -						1774 U	
	1/1622. 11. El. 17.0 (Col. 1-5)	1	0/1/20 A	4/17/21	0/ 10/20 A	4/17/21											
		105	1/0/20 A	1/16/21	8/6/20 A	5/20/24								16/00			J
Ounty Disconne	015	195	1/9/20 A	4/10/21	0/0/20 A	3/20/21		1					F P	, p, eur		uppunr	1600

Page 6 of 15

	2021	2022
Feb Mar Ap	or May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May n
	Demo & Clear to B	asement Elevation Col.'s 10-
	Hammer Turdine Base to Final Grade	levation
Remova		
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	8/17/21, Unit 2 Power	Block Demolition
	📗 📗 🛏 Demo Turbine Structure Cdl.s 5-10	/ D-A
	Demo & Clear Turbine Basement Col.s	5-10/ D -A
	Boiler 2 West Side Wall & Tub	e Mouthing
	Boiler 2 Mechanical Demo	Ŭ
	Structured Dorpo Coll's 5 1	NGD
	Demo & Clear to Basen	nent Elevation Col.'s 5-10 / G
	Hammer Turbine Base to Final Grade	Elevation
on Removal		
(Çol. 5-16)		
16)		
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╶┨╴╴╴┽╶╶╢╸╬╬╁╴╺		k Demolition
	Col M / Col Is 1 to 14 Concrete Wall Dorne	
	UDII1 / COI's Hito A Concrete Wall Derho	
	Boiler 1 West Side Wall & Tupe Mk	outhing
	Boiler 1 Mechanical Demb	
	Structural Demo Col.'s 1-5 / H-I	D
	Complete Fuel Oil Room Demo	
	Demo & Clear to Basement	Elevation Col.'s 1-5 / G-D
	Demo Turbine Structure Colled 5 //	
	Demo & Clear Iurbine Basement Col	.s 1-5 / D-A
	Hammer Turbine Base to Final Grad	le Elevation
on Renoval		
(Col. 1-5)		
5)		
	└ ╢╬╶╢┨ ╌╬╌╌╌╬╌╌╌╬╌┽╴╣╌╌╴╣╌╌╴╣╴╴╴╣	
1-5)		

05. Detailed Schedule

Data Date: 2/1/21		MA	0842-U-10	- MA084	2 NRG En	ncina Power Station - Update 10 - 2021-02-01 05. Detailed Schedule	Page 7 of 15
ctivity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish F	Float 2000	2022
						ع 2020 P Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb N	1022 Nar Apr May n
Verify Utility Di	sconnects Unit 3 (Col.'s D-H)	174 1/9/20 A	4/16/21	7/27/20 A	5/4/21	VIIII VIIII VIIII VIIII VIII VI	
UD.U3.1000	Mezz. Fl. El. 17'6" (Col. 10-16)	4 1/9/20 A	4/16/21	1/11/20 A	4/16/21	Nezz. Fl. El. 17'6" (Col. 10-16)	
UD.U3.1010	Operating Fl. El. 34'0" (Col. 10-16)	2 1/11/20 A	4/16/21	1/16/20 A	4/16/21	Derating Fl. El. 34'0" (Col. 10-16)	
UD.U3.1020	Platform El. 50'0" (Col. 10-16)	2 1/16/20 A	4/16/21	1/17/20 A	4/16/21	Platform El 50'0" (Col. 10-16)	
UD.U3.1030	Platform El. 61'4" (Col. 10-16)	2 1/17/20 A	4/16/21	1/18/20 A	4/16/21	Platform El. 61'4" (Col. 10-16)	
UD.U3.1040	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	2 1/20/20 A	4/16/21	1/22/20 A	4/16/21	Preheater/Dearator FI. EI. 72 a" Col. 10-16	
UD.U3.1050	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2 1/23/20 A	4/16/21	1/23/20 A	4/16/21	Flatforms @ El 82'4" & 87'10 (Col. 10-16)	
UD.U3.1060	ID & Fan Fl. El. 98'6" (Col. 10-16)	2 1/24/20 A	4/16/21	1/24/20 A	4/16/21	H H B F an Fl. El. 98'6" (Col. 1 0 1 6)	
UD.U3.1070	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2 1/25/20 A	4/16/21	1/27/20 A	4/16/21	Ventilating Fan Fl. El. 1186 Opl. 10-16)	
UD.U3.1080	Basement El. 0'0" (Col. 10-16)	1 7/27/20 A	5/4/21	7/27/20 A	5/4/21	■	
Verify Utility Di	sconnections Units 2 (Col.'s D-H)	145 2/8/20 A	4/16/21	7/27/20 A	5/12/21	//////////////////////////////////////	
UD.U2.1000	Mezz. Fl. El. 17'6" (Col. 5-16)	3 2/14/20 A	4/16/21	2/15/20 A	4/16/21	Mezz FI. El. 17'6" (Co. 5116)	
UD.U2.1010	Operating Fl. El. 34'0" (Col. 5-16)	2 2/13/20 A	4/16/21	2/14/20 A	4/16/21	Operating Fl. El. 34'0" (Ch. β-16)	
UD.U2.1020	Platform El. 50'0" (Col. 5-16)	2 2/12/20 A	4/16/21	2/12/20 A	4/16/21	Platform EI. 50'0" (Col. 5-16)	
UD.U2.1030	Platform El. 61'4" (Col. 5-16)	2 2/12/20 A	4/16/21	2/12/20 A	4/16/21	Platform El. 61'4" (Col. 5-16	
UD.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2 2/11/20 A	4/16/21	2/11/20 A	4/16/21	Preheater/Dearator FI. El. 72 6" (Ool. 5-16)	
UD.U2.1050	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2 2/11/20 A	4/16/21	2/11/20 A	4/16/21	Platforms @ El 82'4" & 8110" (Coll 5-16)	
UD.U2.1060	ID & Fan Fl. El. 98'6" (Col. 5-16)	2 2/10/20 A	4/16/21	2/10/20 A	4/16/21	ID & Fan Fl. El. 98'6" (Col 5-16)	
UD.U2.1070	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2 2/8/20 A	4/16/21	2/8/20 A	4/16/21	Ventilating Fan Fl. El. 1 (B 6 " (Col. 5-16)	
UD.U2.1080	Basement El. 0'0" (Col. 5-16)	1 7/27/20 A	5/12/21	7/27/20 A	5/12/21	Basement El. 0'0' (Col. 5-16)	
Verify Utility Di	sconnections Units 1 (Col.'s D-H)	126 2/25/20 A	4/16/21	7/27/20 A	5/20/21	/////////////////////////////////////	
UD.U1.1000	Mezz. Fl. El. 17'6" (Col. 1-5)	1 3/13/20 A	4/16/21	3/13/20 A	4/16/21	→ Mezz. Fl. El. 17'6 (() 1-5)	
UD.U1.1010	Operating Fl. El. 34'0" (Col. 1-5)	1 3/12/20 A	4/16/21	3/12/20 A	4/16/21	Operating FI. EI. 34 🚛 Col. 11-5)	
UD.U1.1020	Platform El. 50'0" (Col. 1-5)	1 3/11/20 A	4/16/21	3/11/20 A	4/16/21	Platform El. 50'0" (Cal. 1-5)	
UD.U1.1030	Platform El. 61'4" (Col. 1-5)	1 2/29/20 A	4/16/21	2/29/20 A	4/16/21	Platform El. 61'4" (Col. 1-5)	
UD.U1.1040	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1 2/28/20 A	4/16/21	2/29/20 A	4/16/21	Preheater/Dearator FIL EI ;72'6' (⊄oll 1-5)	
UD.U1.1050	Platforms @ El 82'4" & 87'10" (Col. 1-5)	1 2/27/20 A	4/16/21	2/27/20 A	4/16/21	►I Platforms @ El 82'4 ' 8 87 '10' (Col. 1-5)	
UD.U1.1060	ID & Fan Fl. El. 98'6" (Col. 1-5)	1 2/26/20 A	4/16/21	2/27/20 A	4/16/21	► ID & Fan FI. El. 98'6' (([ol 1-5))	
UD.U1.1070	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1 2/25/20 A	4/16/21	2/25/20 A	4/16/21	► Ventilating Fan Fl. E. 1186" (Cal. 1-5)	
UD.U1.1080	Basement El. 0'0" (Col. 1-5)	1 7/27/20 A	5/20/21	7/27/20 A	5/20/21	Başement El. 0'0' (Col. 1-5)	
Verify Utility Di	sconnections Units 5	12 7/27/20 A	4/16/21	8/6/20 A	5/20/21	/////////////////////////////////////	
UD.U5.1000	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1 7/27/20 A	4/16/21	7/27/20 A	4/16/21	■ Burner Flatform E. 16'0" (Coll D-G/ 26-31)	
UD.U5.1010	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1 7/28/20 A	4/16/21	7/28/20 A	4/16/21	► Burner Platform El 25'0" (Col D+H/ 26-31)	
UD.U5.1020	Operating Fl. El. 34'0" (Col. D-H/ 26-31)	2 7/29/20 A	4/16/21	7/30/20 A	4/16/21	□ 	
UD.U5.1030	Platform El 53'1"(Col. D-H/ 26-31)	1 7/31/20 A	4/16/21	7/31/20 A	4/16/21	■	
UD.U5.1040	Platform El. 64'0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Filatforth EL 64'(1'(Col. D++//26-81))	
UD.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Filatformi EI. 7/3'0" (Col. D+4//26-81)	
UD.U5.1060	Platform El. 81'0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Filatform EI. 81'0" (Col. D+4/26-81)	
UD.U5.1070	Platform El. 89'0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Filatform EI. 89°0° (Col. D+4/26-81)	
UD.U5.1080	Platform El. 98'0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Flatform EI. 98°0° (Col. D++//26-31)	
UD.U5.1090	Dearator Platform El. 109"0" (Col. D-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	■ ■ ■ ■ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
UD.U5.1100	Platform El. 125'7" (Col. F-H/ 26-31)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Filatform EI. 1257"(Col. FH-/ 26-31)	
UD.U5.1110	Basement Fl. El14'0" (Col. D-G/ 26-31)	1 7/27/20 A	5/20/21	7/27/20 A	5/20/21	Basement FI. Ell -11470" (Cpt D-G/26-31)	
UD.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1 7/28/20 A	5/20/21	7/28/20 A	5/20/21	► Fan Roodm FI. E. 0[d" (Col \$-14/26-31)	
UD.U5.1130	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1 7/29/20 A	5/20/21	7/29/20 A	5/20/21	Burner Platform El. 7′0″ (⊄d. D+G/ 26-31))	
Verify Utility Di	sconnections Units 4	22 7/27/20 A	4/16/21	8/6/20 A	5/20/21	/////////////////////////////////////	
UD.U4.1000	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	
UD.U4.1010	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21		
UD.U4.1020	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21		
UD.U4.1030	Platform El. 63'3" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21		
UD.U4.1040	Platform El. 72'0" (Col. D-F/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21		
UD.U4.1050	Platform El. 82'3" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	 	
UD.U4.1060	Platform El. 91'3" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	Image:	

Data Date: 2/1/21	· · · · · · · · · · · · · · · · · · ·	MA	0842-U-10	- MA084	2 NRG E	Encina Power Station - Update 10 - 2021-02-01	05. Detailed Schedule	Page 8 of 15
Activity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	Float	2024	2022
						p Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Ju	in Jul Aug <u>Sep Oct Nov Dec Jan</u>	Feb Mar Apr May n
UD.U4.1070	Platform El. 100'3" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21			
UD.U4.1080	Platform El. 1160'6" (Col. D-H/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21			
UD.U4.1090	Platform El. 126'3" (Col. E-F/ 16-23)	1 8/1/20 A	4/16/21	8/6/20 A	4/16/21	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■		
UD.U4.1100	Basement Fl. El14'0" (Col. D-F/ 17-23)	1 7/27/20 A	5/20/21	7/27/20 A	5/20/21	Basement FI. Ell114/0" (Cb/ 10-F/ 17-23)		
UD.U4.1110	Basement Fl. El. 0'0" (Col. G-H/ 16-23)	1 7/28/20 A	5/20/21	7/28/20 A	5/20/21	Basement FI. EL 00 (Col. G-H/ 16-23)		
UD.U4.1120	Burner Platform El. 15"4" (Col. D-G/ 16-23)	1 7/29/20 A	5/20/21	7/29/20 A	5/20/21	Burner Platform EI 15"4" (Col. D-G/ 16-23)		
Regulated Mater	rials Univ Waste Removal	207 1/13/20 A	4/16/21	9/15/20 A	5/20/21	IIIII 9/15/20 A. Regulated Materials Univ Waste Ren	noval	
Unit 3 - Regula	ted Materials Univ Waste Removal	158 1/21/20 A	4/16/21	7/28/20 A	5/4/21	7/28/20 A, Unit 8 - Regulated Materials Univ Waste Rem	val	
RM.U3.1000	Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1 1/21/20 A	4/16/21	1/22/20 A	4/16/21	r#1≪V entilating Fan Fl. El. 118' 6' (C cl, 1 0-1 6)		
RM.U3.1010	ID & Fan Fl. El. 98'6" (Col. 10-16)	1 1/23/20 A	4/16/21	1/25/20 A	4/16/21	□ □ □ ♣ Fan Fl. El. 98'6"(Col. 101β)		
RM.U3.1020	Platforms @ El 82'4" & 87'10" (Col. 10-16)	1 1/27/20 A	4/16/21	1/27/20 A	4/16/21	Platforms @ El 82'4" & 87/10" (Col. 10-16)		
RM.U3.1030	Preheater/Dearator Fl. El. 72'6" (Col. 10-16)	1 1/28/20 A	4/16/21	1/29/20 A	4/16/21	Preheater/Dearator FI. EI. 72 6 (⊄dl. 10-15)		
RM.U3.1040	Platform El. 61'4" (Col. 10-16)	1 1/30/20 A	4/16/21	1/31/20 A	4/16/21	Platform El. 61'4" (Col. 10/16)		
RM.U3.1050	Platform El. 50'0" (Col. 10-16)	1 2/1/20 A	4/16/21	2/1/20 A	4/16/21	Platform El. 50'0" (Col. 1016)		
RM.U3.1060	Operating Fl. El. 34'0" (Col. 10-16)	1 2/3/20 A	4/16/21	2/5/20 A	4/16/21	Operating FI. EI. 34'0" (Coll 10-16)		
RM.U3.1070	Mezz. Fl. El. 17'6" (Col. 10-16)	1 2/5/20 A	4/16/21	2/7/20 A	4/16/21	Mezz. Fl. El. 17'6" (Col. 10-16)		
RM.U3.1080	Basement El. 0'0" (Col. 10-16)	1 7/28/20 A	5/4/21	7/28/20 A	5/4/21			
Unit 2 - Regula	ted Materials Univ Waste Removal	129 2/24/20 A	4/16/21	7/28/20 A	5/12/21	T/28/20 N, Unit 2 Regulated Materials Unit Waste Remo	val	
RM.U2.1000	Basement El. 0'0" (Col. 5-16)	1 7/28/20 A	5/12/21	7/28/20 A	5/12/21	IP Batement [EI. [0]0 (Col. 5-18)		
RM.U2.1010	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1 2/24/20 A	4/16/21	2/24/20 A	4/16/21	Ventilating Fan Fl. El <mark>. 1118</mark> 6" (Φb . 5-16)		
RM.U2.1020	ID & Fan Fl. El. 98'6" (Col. 5-16)	1 2/25/20 A	4/16/21	2/25/20 A	4/16/21	□ ID & Fan Fl. El. 98'6' (Cbll 5-16)		
RM.U2.1030	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1 2/26/20 A	4/16/21	2/26/20 A	4/16/21	Platforms @ El 82'4 8 B7 10' (Cdl. 5-16)		
RM.U2.1040	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1 2/26/20 A	4/16/21	2/26/20 A	4/16/21	Preheater/Dearator F. F. F. 72'6' (Col. 5-16)		
RM.U2.1050	Platform El. 61'4" (Col. 5-16)	1 2/27/20 A	4/16/21	2/27/20 A	4/16/21	Platform El. 61/4" (CdL 5–16)		
RM.U2.1060	Platform El. 50'0" (Col. 5-16)	1 2/27/20 A	4/16/21	2/27/20 A	4/16/21	Platform El. 50'0" (CdL 5- #6)		
RM.U2.1070	Operating Fl. El. 34'0" (Col. 5-16)	1 2/28/20 A	4/16/21	2/28/20 A	4/16/21	Operating FI. El. 34'0"(Cbl. 5-16)		
RM.U2.1080	Mezz. Fl. El. 17'6" (Col. 5-16)	1 2/29/20 A	4/16/21	2/29/20 A	4/16/21	Mezz. Fl. El. 17'6" (Cpl. 5-16)		
Unit 1 - Regula	ted Materials Univ Waste Removal	121 2/24/20 A	4/16/21	7/28/20 A	5/20/21	7/128/20 K, Unit II - Regulated Materials Driv Waste Remo	JVal	
RM.U1.1000	Venulaung Fan Fl. El. 1186 (Col. 1-5)	1 2/24/20 A	4/10/21	2/24/20 A	4/16/21			
RM.U1.1010	ID & Fan Fl. El. 986 (Col. 1-3)	1 2/25/20 A	4/10/21	2/25/20 A	4/16/21			
RWI.01.1020	Plation is $(0) \in 1024 \times 0710 (Col. 1-5)$	1 2/20/20 A	4/10/21	2/20/20 A	4/10/21			
RWI.01.1030	Pleneater/Dearlator Fi. El. 72 0 (Col. 1-5)	1 2/20/20 A	4/10/21	2/20/20 A	4/10/21	Pieheatel/Dealator r. rt.l / 2 0 (Ool. 1-5)		
RW.01.1040	Platform EL 50'0" (Col. 1-5)	1 2/27/20 A	4/10/21	2/27/20 A	4/10/21			
PM LI1 1060	$ \begin{array}{c} \text{Plation III El. 500 (Col. 1-5)} \\ \text{Operating El. El. 34'0" (Col. 1.5)} \end{array} $	1 2/28/20 A	4/10/21	2/28/20 A	4/10/21			
RM L11 1070	Mezz El El 17/6" (Col 1-5)	1 2/20/20 A	4/10/21	2/20/20 A	4/10/21			
RM L11 1080	Basement El 0'0" (Col. 1-5)	1 Z/23/20 A	5/20/21	7/28/20 A	5/20/21			
Unit 5 Pogula	tod Materiala Univ Waste Domoval	16 7/21/20 A	4/16/21	8/31/20 A	5/20/21	8/81/2014 Ubit 5 - Requirted Matarias Ubit Waste	Removal	
RM U5 1000	Platform FL 125'7" (Col. F-H/ 26-31)	1 7/21/20 A	4/16/21	8/11/20 A	4/16/21			
RM U5 1010	Dearator Platform FL 109"0" (Col. D-H/ 26-31)	1 7/22/20 A	4/16/21	8/11/20 A	4/16/21			
RM.U5.1020	Platform El. 98'0" (Col. D-H/ 26-31)	1 7/23/20 A	4/16/21	8/11/20 A	4/16/21	Platform EL198'D' (Col. D'H/ 26-31)		
RM.U5.1030	Platform El. 89'0" (Col. D-H/ 26-31)	1 7/24/20 A	4/16/21	8/11/20 A	4/16/21	Platform EL 89'D' (Col. DH/ 26-31)		
RM U5 1040	Platform FL 81'0" (Col. D-H/ 26-31)	1 7/25/20 A	4/16/21	8/11/20 A	4/16/21	Platform FU81'D' (CoL DH/ 26-31)		
RM.U5.1050	Platform El. 73'0" (Col. D-H/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21			
RM.U5.1060	Platform El. 64'0" (Col. D-H/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21			
RM.U5.1070	Platform El 53'1"(Col. D-H/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21			
RM.U5.1080	Operating FI. El. 34'0" (Col. D-H/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21	Operating FIEL 34(01 (Cal. D-H/ 26:31)		
RM.U5.1090	Burner Platform El. 25'0" (Col. D-H/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21			
RM.U5.1100	Burner Platform El. 16'0" (Col. D-G/ 26-31)	1 8/11/20 A	4/16/21	8/31/20 A	4/16/21			
RM.U5.1110	Burner Platform El. 7'0" (Col. D-G/ 26-31)	1 8/11/20 A	5/20/21	8/31/20 A	5/20/21			
RM.U5.1120	Fan Room Fl. El. 0'0" (Col. G-K/ 26-31)	1 8/11/20 A	5/20/21	8/31/20 A	5/20/21	Гар Room FLEL 010 (Соц. G-К/ 26-331)		
RM.U5.1130	Basement Fl. El14'0" (Col. D-G/ 26-31)	1 8/11/20 A	5/20/21	8/31/20 A	5/20/21			
Unit 4 - Regula	ted Materials Univ Waste Removal	12 8/25/20 A	4/16/21	9/15/20 A	5/20/21	IIII IIII IIII Unit 4. Fegulated Materials Univ Wa	ste Removal	

Data Date: 2/1/21			MA	0842-U-10	- MA084	2 NRG E	ncind	n Power S	tatio	n -	Update 10 - 2021	-02-0	1				
Activity ID	Activity Name	Orig Dur	Start	Late Start	Finish	Late Finish	Float	p Oct Nov [Dec Ja	n I F	202 eb Mar Apr Mav Jun	0 Jul Aud	a Se	p Oct	Nov	Dec	Jan I
RM.U4.1000	Platform El. 126'3" (Col. E-F/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21						╓⋢	P	latfprm	庫川 :	26'3" (Spl. 8-1
RM.U4.1010	Platform El. 1160'6" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21							P	latform	EI.	160'6'	(¢oi þ
RM.U4.1020	Platform El. 100'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21						╽┊╘╸	P'	latform	¦ ∉ I. 10	00'3" (r	Spl D-P
RM.U4.1030	Platform El. 91'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21							B P	latform	¦ € I. ∮′	1'3" (C	a. DHH
RM.U4.1040	Platform El. 82'3" (Col. D-H/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21							P	lattprm	EI.	2'3" (C	a. DH/
RM.U4.1050	Platform El. 72'0" (Col. D-F/ 16-23)	1	8/25/20 A	4/16/21	8/31/20 A	4/16/21						╽╘╘╋	P	latform	¦ ∉I. ∤ :	2'0" (¢	p. D+F/
RM.U4.1060	Platform El. 63'3" (Col. D-H/ 16-23)	1	9/1/20 A	4/16/21	9/2/20 A	4/16/21							P	latiom	IEI 6	3'3" (¢	di DH
RM.U4.1070	Air Heater Fl. 42'6"(Col. D-H/ 16-23)	1	9/3/20 A	4/16/21	9/3/20 A	4/16/21						1	۹ I	∖r Hea	er FI	42'6"	spi d-i
RM.U4.1080	Operating Fl. El. 34'0" (Col. D-H/ 16-23)	1	9/9/20 A	4/16/21	9/10/20 A	4/16/21							H	Opera	ting F	I, EI. 3	40" (¢
RM.U4.1090	Burner Platform El. 23'8" (Col. D-H/ 16-23)	1	9/10/20 A	4/16/21	9/11/20 A	4/16/21							H	Burne	r Plaff	iorm E	1. 23'8"
RM.U4.1100	Burner Platform El. 15"4" (Col. D-G/ 16-23)	1	9/11/20 A	5/20/21	9/12/20 A	5/20/21								Burne	r Plat	form E	1 15 4
RM.U4.1110	Basement FI. El. 0'0" (Col. G-H/ 16-23)	1	9/12/20 A	5/20/21	9/14/20 A	5/20/21					· J J			Baser	menti	FI. EI. (20' (¢ d
RM.U4.1120	Basement FI. El14'0" (Col. D-F/ 17-23)	1	9/14/20 A	5/20/21	9/15/20 A	5/20/21						1	╔╋┥	Base	ment	FI. EI.	- 14 '0' (
Out Building - I	Regulated Materials Univ Waste Removal	3	1/13/20 A	4/16/21	1/17/20 A	4/16/21				/	17/20 A, Out Building - Reg	uated M	ateria	a l s Uni	/Was	te Re	noval
RM.OB.1000	Training Bldg.	1	1/13/20 A	4/16/21	1/13/20 A	4/16/21				Tira	ining Bldg.		Ш.				
RM.OB.1010	Lab Eng. Trailer	1	1/14/20 A	4/16/21	1/14/20 A	4/16/21				Цa	o Eng. Trailer		il II-				
RM.OB.1020	CEM	1	1/14/20 A	4/16/21	1/14/20 A	4/16/21		!		Ģ	Μ		it tr				i
RM.OB.1030	Library	1	1/16/20 A	4/16/21	1/16/20 A	4/16/21				Lik	rary		1E II				
RM.OB.1040	Storage Bldg.	1	1/17/20 A	4/16/21	1/17/20 A	4/16/21] \$ t	orage Bldg.		ЩЦ.				
RM.OB.1050	Paint Bldg.	1	1/15/20 A	4/16/21	1/15/20 A	4/16/21				Ra	int Bldg.		III.				
Site Demolition		430	1/29/20 A	3/30/21	6/5/21	3/28/22	242						┢╧┿╋╼	╉┽┯┥	╇┿╋	<u>i i</u>	
SD.1000	Demolish Dredge	5	2/27/20 A	3/30/21	3/4/20 A	3/30/21		i			► Demolish Dredge		d tr				
SD.1010	South Overhead Electric Bridge Powerhouse to Control Bldg. 1/2	2	2/1/21	3/30/21	2/2/21	3/31/21	49						il II-				
SD.1020	North Overhead Electric Bridge Powerhouse to Control Bldg. 3	2	2/3/21	6/22/21	2/4/21	6/23/21	119						il II-				
SD.1030	SDG&E Piping Removal @ Switchvard Area	1	10/5/20 A	6/24/21	10/6/20 A	6/24/21							[ſ	s l	DG&E	E Pipin	al Rem
SD.1040	Water Tank @ Gas Turbine Peaker	3	9/29/20 A	6/24/21	9/30/20 A	6/24/21							╔╢╞		ateria	ank @	Gast
SD.1050	Gas Turbine Peaker	10	9/30/20 A	4/16/21	10/6/20 A	4/16/21					·	- -	╔╬╌┠╏		as Tu	rbine F	Peaker
Demolish SDG	&E Water Tanks	43	1/31/20 A	3/30/21	3/7/20 A	3/30/21					3/7/20 A, Demolish	DG&EV	Nater	r Tanks			
SD.WT.1000	Establish Cattle Fence Boundry	1	1/31/20 A	3/30/21	1/31/20 A	3/30/21					Establish Cattle Fence Bou	hdny					
SD.WT.1010	North tank Demolition	5	2/3/20 A	3/30/21	2/15/20 A	3/30/21					North tank Demolition		í E				
SD.WT.1020	South Tank Demolition	5	2/17/20 A	3/30/21	2/24/20 A	3/30/21				ļ	South Tank Demolition		il I				
SD.WT.1030	Area Clean up	2	2/25/20 A	3/30/21	3/7/20 A	3/30/21					➡ Area Clean up	- 	/ <u> </u>		┆┝┥╴┥┫╴	·	┊┫╌╟╶┨┲┥┥
SD.WT.1040	Area Sign-Off & Cattle Fence Removal	1	3/7/20 A	3/30/21	3/7/20 A	3/30/21					Area Sign-Off & Catt	e Fience	Rem				
Ammonia Hvdu	nxide Tank Area	27	2/18/20 A	3/30/21	2/24/20 A	4/30/21					▼ 2/24/20 A. Ammonia	droxide	Tank	kArea			
SD.AH.1000	Utility verification	1	2/18/20 A	4/30/21	2/18/20 A	4/30/21					Utility verification						
SD.AH.1010	Conduit / Piping from Guard rail	3	2/19/20 A	3/30/21	2/19/20 A	3/30/21					L Conduit / Piping from G	uard rail					
SD.AH.1020	Demo Ammonia Hydroxide Tanks	6	2/19/20 A	3/30/21	2/24/20 A	3/30/21					Demo Ammonia Hvdro	kde Tan			<u></u> #++ †		
Demolition of \	/arious Out Buildings	419	1/29/20 A	4/30/21	4/2/21	3/28/22	297							╇┿┯┥	╇┿╋	: ;	
SD.OB.1000	Paint Bldg.	3	2/8/20 A	3/22/22	2/10/20 A	3/22/22					Paint Bldg.						
SD.OB.1010	Upper Storage Bldg.	2	3/2/21	3/22/22	3/3/21	3/23/22	318						di t				
SD.OB.1020	Upper Warehouse	4	3/4/21	3/24/22	3/8/21	3/28/22	318										
SD.OB.1030	Demo Southeast Bridge to Boilerhouse	4	2/1/21	5/15/21	2/4/21	5/19/21	89			H		h	/ <u>∦</u> -}-∘		- - - -	·	
SD OB 1040	Demo Southwest Bridge (Rail) to Turbine Hall	4	3/29/21	5/20/21	4/2/21	5/24/21	45										
SD OB 1050		2	1/29/20 A	6/22/21	1/29/20 A	6/22/21					Training Bldg		1 I				
SD OB 1060	Lab Eng Trailer	3	2/18/20 A	6/22/21	2/18/20 A	6/22/21				١٩,	►l Lab Eng Trailer		ÆL.				
SD OR 1070	Water Treatment	1	7/27/20 Δ	6/22/21	8/4/20 A	6/22/21							/ater	Treatm			
SD OR 1080	Demineralizer Tank Area	4	7/29/20 A	6/22/21	8/10/20 Δ	6/22/21				H	·		Demi	ineraliz			┊╢╴╢╶╢╸
SD OB 1000			2/6/20 A	6/22/21	2/6/20 A	6/22/21				H	Library	┟┟┞╴╵			1 11		
SD.OD. 1090		2	2/0/20 A	6/22/24	2/0/20 A	6/22/21				H		┢╋╧╋	╟┼╴	╫┼┤	╫╫	÷	╇╢╟
SD.00.1100		2	2/0/20 A	1/20/24	2/0/20 A	1/20/24				T		╢╫┤	Ц				
Gentral Use		60	2/13/20A	6/24/24	2/19/20 A	4/JU/ZI	222			$\ $			ſ				
	Control Bldg, 1/2 Tunnel Opening	09	3/17/21	1/7/22	3/10/21	1/8/22	202		<u></u>		·	┢╋╍┝	lf		╎┤╴┤┨╴	. <u></u> [i	┊┥╌┝╴┥╋┥
	Control Ridg, 1/2 Idniner Openiing		5/12/24	6/24/24	5/10/24	6/20/24	243										
SD.CH. 1010		5	5/15/21	0/24/21	5/19/21	0/29/21	- 30					$\mathbf{d} \models 1$	d			- E	

05. Detailed Schedule

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Data Date: 2/1/21		MA	0842-U-10	- MA084	2 NRG E	Encind	a Power Sta	ntion - U	Ipdate 10 - 2021-	-02-01						05	. Detailed Schedule		Page 1	10 of 15
Activity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	n Float			0000							0004				
							en Oct Nov Dec	c Jan Fe	2020 h Mar Apr May Jun J	U Iul Aua I	Sen Oct	t Nov	Dec Jan	Feb N	/ar Apr	2021 May Jun Jul J	Aug Sen Oct No	v Dec Jan F	2022 eb Mar Ar	or May In
SD.CH.1020	Control Bldg. 3	5 5/19/21	6/30/21	5/25/21	7/5/21	36										Control Bld				n May II
SD.CH.1030	Control Bldg. 3 Tunnel Opening	2 5/25/21	7/6/21	5/27/21	7/7/21	36										Control Bld	g: 3 Tunnel Openin	q		
SD.CH.1040	Units 1-3 GSU	10 5/25/21	3/5/22	6/5/21	3/16/22	232										Units 1-3	dsu	T I		
Waste Water Tr	patment Δrea	31 2/1/21	3/30/21	3/8/21	3/21/22	312	· - · · · · · · · · · · · · · · · · · ·	·						 	3/8/21	Waste Water Trea	tment Area		<u>-</u>	
WW 1000	Electrical Disconnect	10 2/1/21	3/30/21	2/11/21	4/9/21	49									atrical De	connect				
WW 1010		1 2/12/21	4/10/21	2/12/21	4/10/21	49									liv Verific	ation				
WW 1020	Pining Segregation from FW Tank Pining	2 2/13/21	4/12/21	2/15/21	4/13/21	40									na Sea	repution from EW	Tank Pining			
WW.1020	TW/ & LV// Tank Diping Romoval	2 2/16/21	4/14/21	2/13/21	4/15/21	40										Tank Dining Pom				
WW.1030	Obsolate Dining Removal WM/T to Poworbourse	/ 2/18/21	3/10/22	2/17/21	3/11/22	219		• • • • • • • • • • • • •								Pinna Pomoval M	M/T to Powerbouse			
VVV.1040	USO Tank 2 Dama	4 2/10/21	3/10/22	2/22/21	J/14/22	10								E			vv i to Fowernouse			
VVV.1050		4 2/10/21	4/10/21	2/22/21	4/20/21	49														
VVV.1000		4 2/23/21	4/21/21	2/20/21	4/24/21	49														
VVVV.1070		4 2/2//21	4/20/21	3/3/21	4/29/21	49										co perio				
VVV.1080		4 3/4/21	4/30/21	3/8/21	5/4/21	49		· - ┽ - ┥ - ┞ ┩- ┞ -												
VVV.1090	EVV Tank 4 Demo	3 2/23/21	3/15/22	2/25/21	3/17/22	318									vv ianic	4 Lemo				
VVVV.1100	Evv Iank 3 Demo	3 2/26/21	3/18/22	3/1/21	3/21/22	318									evv lan		4			
Interior Asbesto	s Abatement	416 11/25/19	3/13/21	4/3/21	7/15/21	87									1/3	1211, Interior Asbes	tos Abatement			
IA.1000	Unit 1 Level B Abatement	10 9/9/20 A	4/17/21	11/11/20	4/17/21								nit 1 L ∉ve	BAbate	ement					
IA.1010	Unit 3 Level B Abatement	5 9/9/20 A	5/4/21	11/11/20	5/4/21						► 		nit 3 Leve	BAbate	ement					
IA.1020	Turbine 5 Shell Spray On Cut & Dispose	5 11/16/20	5/4/21	11/20/20	5/4/21								Turbine 5	Shell Sp	ay Or C	ut & Dispose				
IA.1030	Turbine 4 Shell Spray On Cut & Dispose	5 11/20/20	5/4/21	1/15/21 A	5/4/21							<u>॑</u>		Turbine	4 Shell S	pray On Cut & Dis	pbse			
IA.1040	Turbine 3 Shell Spray On Cut & Dispose	3 12/7/20 A	5/4/21	1/19/21 A	5/4/21									Turbine	3 Shell	Spray On Cut & Di	spose			
IA.1050	Turbine 2 Shell Spray On Cut & Dispose	3 12/8/20 A	5/4/21	1/22/21 A	5/4/21							╎╵╵┿		Turbin	e 2 Shel	Spray On Cut & D	spose			
IA.1060	Turbine 1 Shell Spray On Cut & Dispose	3 1/23/21 A	5/4/21	2/4/21	5/4/21	76								il Turt	ine 1 She	all Spray On Cut &	Dispose			
Roofing Abate	ment	89 12/1/20 A	4/6/21	3/30/21	7/15/21	91						🕈			3/3	0/21, Roofing Aba	ement			
IA.RA.1000	Boiler 4 Roof Vent Removal	2 1/14/21 A	6/14/21	2/1/21	6/14/21	114								Bolle	r 4 Roof	vent Removal				
IA.RA.1010	Boiler 4 Roof Flashing Removal	2 2/2/21	6/15/21	2/3/21	6/16/21	114							¦ La	🛛 Boik	4 Rop	Flashing Removal				
IA.RA.1020	Boiler 5 Roof Vent Removal	2 12/1/20 A	6/17/21	12/14/20	6/17/21							╞╞	Boiler	5 Roof	Vent Rem	ioval				
IA.RA.1030	Boiler 5 Roof Flashing Removal	2 2/4/21	6/17/21	2/5/21	6/18/21	114							4	Boil	er 5 Roof	Flashing Removal				
IA.RA.1040	Turbine 1 Roof Field Removal	10 2/6/21	6/19/21	2/17/21	6/30/21	114									ubine 1 F	o pi Field Remova				
IA.RA.1050	Boiler 3 Roof Field Removal	10 2/24/21	4/6/21	3/6/21	4/17/21	36									Boiler 3	Roof Field Remov	al			
IA.RA.1060	Turbine 2 Roof Field Removal	10 2/18/21	7/1/21	3/1/21	7/12/21	114							1	╟┣┫┊	Turbine	2 Roof Field Remo	val			
IA.RA.1070	Boiler 2 Roof Field Removal	10 3/8/21	5/6/21	3/18/21	5/17/21	51								│││└ ╇Ì	Boiler	2 Roof Field Rem	oval			
IA.RA.1080	Turbine 4 Roof Vent Removal	2 3/2/21	7/13/21	3/3/21	7/14/21	114							-		Turbine	4 Roof Vent Remo	val			
IA.RA.1090	Boiler 1 Roof Field Removal	10 3/19/21	5/18/21	3/30/21	5/28/21	51									Edi	er Roof Field Re	moval			
IA.RA.1100	Turbine 5 Roof Vent Removal	2 12/11/20	7/15/21	12/14/20	7/15/21								- Turbir	ne 5 Roc	Vent Re	emoval				
Unit 5 - Asbest	os Abatement Interior	4 10/13/20	6/14/21	10/15/20	6/14/21							0/15/2	20 A. Unit	5 Asbr	stos Aba	tement Interior				
IA.U5.1000	Level 5 Control Room VAT	4 10/13/20	6/14/21	10/15/20	6/14/21						│ <mark> </mark> +ſ	Level 5	Control F	koom V∕	ŧ					
Unit 4 - Asbest	os Abatement Interior	4 3/31/21	7/6/21	4/3/21	7/9/21	83									4/2	/21 Unit 4 - Asbe	tos Abatement Inte	eriφr		
IA.U4.1000	Interior Transite Removal	4 3/31/21	7/6/21	4/3/21	7/9/21	83									l►li inte	erior Transite Rem	oval			
Unit 3		382 11/25/19	3/13/21	2/23/21	4/17/21	45									2/23/21, (Jnit 3				
Prep - Unit 3		16 11/25/19	3/30/21	12/3/19 A	3/30/21		12	2/3/19 A, F	Prep - Unit 3											
IA.U3.P.10(Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2 11/25/19	3/30/21	11/25/19	3/30/21		Ver	ntilating Fa	n Fl. El. 118'6" (Col. 10-16											
IA.U3.P.101	ID & Fan Fl. El. 98'6" (Col. 10-16)	2 11/25/19	3/30/21	11/25/19	3/30/21			& Fan FILE	[
IA.U3.P.102	Platforms @ El 82'4" & 87'10" (Col. 10-16)	2 11/25/19	3/30/21	11/26/19	3/30/21		Pla	atforms	El 82'4" & 87'10" (Col. 10-1	Б)	╌┟╢╬╌┝╶╌	H -1			╉╌╬╌╢╬	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		 	4
IA U3 P 10:	Preheater/Dearator FL FL 72'6" (Col 10-16)	2 12/2/19A	3/30/21	12/2/19 A	3/30/21			reheater/D	earator ELEL 72'6" (Col 10	0-16)										
IA.U3 P 104	Platform El. 61'4" (Col. 10-16)	2 12/2/19 A	3/30/21	12/2/19 A	3/30/21	_		latform F	61'4" (Col. 10-16)											
IA U3 P 104	Platform El. 50'0" (Col. 10-16)	2 12/2/19 A	3/30/21	12/2/19 A	3/30/21				50'0" (Col. 10-16)											
IA LI3 P 106	Operating FL FL 34'0" (Col. 10-16)	2 12/2/10 A	3/30/21	12/3/19 A	3/30/21)peratinn F	EL 34'0" (Col 10-16)											
	Mezz El El 17'6" (Col 10-16)	2 12/3/10 A	3/30/21	12/3/10 A	3/30/21				17'6" (Col 10-16)	┥	- -			┨╉╺┊┨┊	╉╴╬╴┨╬	• 		- -	 	
Containment		2 12/0/19 A	3/13/21	3/7/20 4	4/17/21				3/7/20 A Containmo											
	Col. 10 Containment Wall	12 2/17/20 A	3/13/21	3/2/20 A	3/12/21															
		5 1/20/20 A	1/17/01	3/1/20 4	1/17/21															
		10 2/2/20 A	3/12/24	3/4/20 A	3/12/24															
IA.03.0.102		12 3/2/20 A	3/13/21	3///20 A	3/13/21						╧╋									<u> </u>

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	Abate asbestos - Unit 3	145 8/12/20 A 3/13/21 2/23/21 4/6/21 36		
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	Accessible Friable ACM	35 10/10/20 3/13/21 12/9/20 A 3/13/21		3/20 A. Accessible France ACM
	IA.U3.A.10 Ventilating Fan Fl. El. 1186" (Col. 10-16)	3 10/10/20 3/13/21 10/19/20 3/13/21		an 11, Et. 1113 (51) (Col: 100, 16)
	IA.U3.A.1(Platforms @ EI 82'4" & 87'10" (Col. 10-16)	2 10/21/20 3/13/21 10/28/20 3/13/21		2 El 82'4' & 87'10' (Cdl110-16)
	IA.U3.A.1(Preheater/Dearator FI. El. 72/6" (Col. 10-16)	2 10/21/20 3/13/21 10/28/20 3/13/21	Preheatenno	Dearator Fit El. 72'9 (CO). 10-16)
	IA.U3.A.10 Platform El. 614" (Col. 10-16)	2 10/24/20 3/13/21 10/30/20 3/13/21		. 6 4 4 (Opt. 10,16)
	IA.U3.A.10 Platform EI. 50'0" (Col. 10-16)	2 10/24/20 3/13/21 11/2/20 A 3/13/21		
	IA.U3.A.10 Operating FI. EI. 34'0" (Col. 10-16)	3 11/2/20 A 3/13/21 11/16/20 3/13/21		ng 1 E 34 0" (Col 110 16)
Strate	IA.U3.A.1(Mezz. Fl. El. 17'6" (Col. 10-16)	3 11/16/20 3/13/21 12/9/20 A 3/13/21		
	Skin Boiler	28 8/12/20 A 3/13/21 9/2/20 A 3/13/21	9/2/20 Al Skin Boilei	
	IA.U3.A.10 Ventilating Fan Fl. El. 118'6" (Col. 10-16)	2 8/12/20 A 3/13/21 8/17/20 A 3/13/21	Venttating Fan Fi. El th	810 (Coi. (to-16)
	IA.U3.A.1(ID & Fan FI. EI. 98'6" (Col. 10-16)	2 8/17/20 A 3/13/21 8/18/20 A 3/13/21	ID & Fan Fil E. 98'6" (do	y, 10-1(6)
	IA.U3.A.11 Platforms @ EI 82'4" & 87'10" (Col. 10-16)	1 8/19/20 A 3/13/21 8/20/20 A 3/13/21	Plattoms@ El 82'4" 8 8	37 IO" (Col. 10-16)
	IA.U3.A.11 Preheater/Dearator FI. EI. 726" (Col. 10-16)	1 8/21/20 A 3/13/21 8/24/20 A 3/13/21		
	IA.U3.A.11 Platform El. 614" (Col. 10-16)	1 8/25/20 A 3/13/21 8/26/20 A 3/13/21	Platform # 6114" (Col.	
	IA.U3.A.11 Platform El. 50'0" (Col. 10-16)	1 8/27/20 A 3/13/21 8/28/20 A 3/13/21	Piation 1. 5000" (Cd.	1(-16)
	IA.U3.A.11 Operating FI. EI. 34'0" (Col. 10-16)	2 8/29/20 A 3/13/21 8/31/20 A 3/13/21	III · ► Opperating H. El. 34 0	
	IA.U3.A.11 Mezz. FI. El. 17'6" (Col. 10-16)	2 9/1/20 A 3/13/21 9/2/20 A 3/13/21		
ALD.ALT General Energical (NU) General Energical (NU) <t< td=""><td>IA U3 A 11 Ventilating Fan Fl Fl 1186" (Col 10-16)</td><td>3 10/10/20 3/13/21 10/19/20 3/13/21</td><td></td><td></td></t<>	IA U3 A 11 Ventilating Fan Fl Fl 1186" (Col 10-16)	3 10/10/20 3/13/21 10/19/20 3/13/21		
	IA.U3.A.11 ID & Fan FI. EI. 98'6" (Col. 10-16)	3 10/10/20 3/13/21 10/26/20 3/13/21		
	IA.U3.A.11 Platforms @ El 82'4" & 87'10" (Col. 10-16)	2 10/21/20 3/13/21 10/28/20 3/13/21	Platforms	9 El 82 # 8 87 10 (\$4 10-16)
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	IA.U3.A.11 Preheater/Dearator FI. EI. 72'6" (Col. 10-16)	2 10/21/20 3/13/21 10/28/20 3/13/21		Searator Fit El. 72'6 (00. 10-16)
AUXAT Feature Leaver Col (1016) 3 110200 3112200 1112202 30221 30202	IA.U3.A.12 Platform El. 61'4" (Col. 10-16)	2 10/24/20 3/13/21 10/30/20 3/13/21	Platform	
MAXAF Normaling Fan FE FE For Control Standard MaxAF	IA.U3.A.12 Platform El. 50'0" (Col. 10-16)	2 10/24/20 3/13/21 11/2/20 A 3/13/21		
Fund Construction	IA 1/3 A 12 Mezz El El 17/6" (Col 10-16)	3 11/12/20 A 3/13/21 11/10/20 J 13/21		
MASA 12 Ventlang Fan R E 1189° (2010-16) 1 1980/X 1980/X <td>Final Clean</td> <td>41 12/9/20 A 3/13/21 2/10/21 3/24/21 36</td> <td></td> <td></td>	Final Clean	41 12/9/20 A 3/13/21 2/10/21 3/24/21 36		
AURAY: Default (E) Baser (Cut (144) 1 (1942) 1 (1942) (1942) <th(194)< th=""> <th(194)< th=""> <th(194)< th=""></th(194)<></th(194)<></th(194)<>	IA.U3.A.12 Ventilating Fan Fl. El. 118'6" (Col. 10-16)	1 12/9/20 A 3/13/21 12/14/20 3/13/21		ntillating Fan Fi, El, 1986" (Col. 10-16)
MALKA 12 Performes Gel Bazz 4: & Briffy Cod. (10-16) 1 121/820 191/827 191/82	IA.U3.A.12 ID & Fan FI. EI. 98'6" (Col. 10-16)	1 12/9/20 A 3/13/21 12/16/20 3/13/21		& an Fil E. 98'6' (Col 10-16)
IAUBAT (2 PeneterControlPE ECC26 (0.10-6) 1 21620 30221 31921 321 31921 321 31921 3221 31921 3221 31921 3221 31921 3221 31921 3221 31921 3221 31921 3221 31921 3221 3222 36 14004 (1 - 10 - 10 - 10) 1 12021 32221 32221 322 36 14004 (1 - 10 - 10) 1 3021 32221 32221 32221 32221 322 36 14004 (1 - 10) 1 3021 32221 3	IA.U3.A.12 Platforms @ EI 82'4" & 87'10" (Col. 10-16)	1 12/14/20 3/13/21 12/16/20 3/13/21		attoms: : El 82'4" 8 8 10" (Col. 10-16)
AUGAT: Feldome: E14*C (Cut 1046) 1 28/27 3027 302 30 4	IA.U3.A.12 Preheater/Dearator FI. El. 726" (Col. 10-16)	1 12/16/20 3/13/21 2/5/21 3/19/21 36		Prehbatter/Deandor FI. El. 72'6" (Col. 10-16)
AUGA 12 Perform El 500° (Col. 10-16) 1 28/21 32/27 36 AUGA 12 Maga 17 Maga 17 22/21 32/21 36 Muga 12 Maga 17 Maga 17 32/21 32/21 36 Muga 12 Maga 17 Maga 17 32/21 32/21 36 32/21 36 Muga 12 Maga 17 Maga 17 32/21 32/21 36 32/21 36 32/21 36 Muga 12 Maga 17 Maga 17 32/21 32/21 32/21 32/21 36 32/21 36 32/21 36 32/21 32/21 36 32/21 36 32/21 36 32/21 36 32/21 <	IA.U3.A.12 Platform El. 614" (Col. 10-16)	1 2/6/21 3/19/21 2/6/21 3/20/21 36		Platform El. 81 4" (Col. 10-16)
AUGA (I: Operating (F, E) S47 (Col. 10-16) 1 21/27	IA.U3.A.12 Platform El. 50'0" (Col. 10-16)	1 2/8/21 3/20/21 2/8/21 3/22/21 36		Pattorm Elusion (Col. 10-16)
Monocolina Monocol	IA.U3.A.1: Operating H. El. 340" (Col. 10-16)	1 2/9/21 3/22/21 2/9/21 3/23/21 36 1 2/10/24 2/22/21 2/9/21 3/23/21 36		
NUMARIE NUMARIE Lange All Lange All <thlange all<="" th=""> <thlange all<="" th=""> <thlange< td=""><td>Vice Erick Borourd</td><td></td><td></td><td></td></thlange<></thlange></thlange>	Vice Erick Borourd			
IAUSA 1: Operating F. El 30° (col. 10-16) 1 11/16/20 242.71 12/30.41 Operating F. El 30° (col. 10-16) Operating F. El 30° (col. 10-16) Operating F. El 30° (col. 10-16) 1 10/24/20 325.21 10/30.20 325.21 1 Operating F. El 30° (col. 10-16) 1 10/24/20 325.21 1 10/30.20 325.21 1 10/30.20 325.21 1 10/30.20 325.21 1 1 10/24/20 325.21 1 10/30.20 325.21 1 1 10/24/20 325.21 1 1 1 10/24/20 325.21 1 1 10/24/20 325.21 1<	IA 113 A 15 MAZZ EL EL 176" (CAL 10.16)	1 11/10/20 3/25/21 12/3/20 A 3/25/21		
AUGA 12 Patrom El 50° (col. 10-16) 1 10/24/20 2/52/1 1/2/20 A 2/52/1	IA 113 A 13 Operation FI FI 3410" (Col 10-16)	1 11/16/20 3/25/21 12/3/201A 3/25/21		
IAU3.A1: Plattorm EL 614" (Col. 10-16) 1 10/24/20 3/25/21 0/30/20 3/25/21 IAU3.A1: Plattorm EL 614" (Col. 10-16) I 10/24/20 3/25/21 IAU3.A1: Plattorm EL 614" (Col. 10-16) I 10/21/20 3/25/21 IAU3.A1: Plattorm EL 614" (Col. 10-16) I 10/21/20 3/25/21 IAU3.A1: Plattorm EL 614" (Col. 10-16) I 10/21/20 3/25/21 IAU3.A1: Plattorm EL 614" (Col. 10-16) I IAU3.A1: Plattorm EL 614" (Col. 10-16) I 10/21/20 3/25/21 III 20/20 III 20/20 III 20/20 I	IA.U3.A.1: Platform El. 50'0" (Col. 10-16)	1 10/24/20 3/25/21 11/2/20 A 3/25/21		
IAU3A.1: Preheater/Dearator FL EL 72° (Col. 10-16) 1 1021/20 3/25/21 10/28/20 3/25/21 10 Prefection P	IA.U3.A.1: Platform El. 61'4" (Col. 10-16)	1 10/24/20 3/25/21 10/30/20 3/25/21		
IAU3A.12 Platforms @ El 824" & 87'10" (Col. 10-16) 1 10/21/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 IIII Platforms @ El 824" & 87'10" (Col. 10-16) IIIII Platforms @ El 824" & 87'10" (Col. 10-16) 1 10/10/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/28/20 3/25/21 10/200 3/25/21 10/10/20 3/25/21 10/200 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 8/7 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/25/21 10/10/20 3/21/21	IA.U3.A.1: Preheater/Dearator FI. EI. 72'6" (Col. 10-16)	1 10/21/20 3/25/21 10/28/20 3/25/21	Preheaten	Searator Fil El. 72'6 (00. 10-16)
IA.U3.A.1: ID& Fan FI. EI. 98/6" (Col. 10-16) 1 10/10/20 3/25/21 10/12/20 3/25/21 10/12/20 3/25/21 ID ID <t< td=""><td>IA.U3.A.1? Platforms @ EI 82'4" & 87'10" (Col. 10-16)</td><td>1 10/21/20 3/25/21 10/28/20 3/25/21</td><td>Platforms (0</td><td>变 田 8214 8 8710 (col 10-16)</td></t<>	IA.U3.A.1? Platforms @ EI 82'4" & 87'10" (Col. 10-16)	1 10/21/20 3/25/21 10/28/20 3/25/21	Platforms (0	变 田 8214 8 8710 (col 10-16)
IAU3A.12 Ventilating Fan FI. El. 1186" (Col. 10-16) 1 10/10/20 3/25/21 10/19/20 3/25/21 IO/19/20 3/25/21 IO/20 3/25/21 IO/20 3/25/21 IO/20 3/25/21 IO/20 3/25/21 IO/20 3/25/21 IO/20 3/21/21 II/2/11/9 JIO/20/21 II/2/11/9 <thii 20="" 21<="" th=""> II/2/11/9 JIO/</thii>	IA.U3.A.1? ID & Fan FI. EI. 98'6" (Col. 10-16)	1 10/10/20 3/25/21 10/26/20 3/25/21		
Unit 2 382 12/4/19A 3/30/21 3/13/21 6/23/21 87 IA U2. 1000 Containment Breakdown 12 3/12/1 6/10/21 3/13/21 6/23/21 87 Prep - Unit 2 Ventilating Fan FI. EI. 1186" (Col. 5-16) 25 12/4/19A 3/30/21 12/11/19 A, Prep + Unit 2 Int 12/11/19 A, Prep + Unit 2 I	IA.U3.A.1/ Ventilating Fan FI. El. 118'6" (Col. 10-16)	1 10/10/20 3/25/21 10/19/20 3/25/21		an Fil. Et. 1118'6" (Cot.: 10116)
IA.UZ. 1000 Containment Breakdown 1/2 3/1/21 6/10/21 3/1/21 6/2/21 8/ Prep - Unit 2 IA.U2.P.100 Ventilating Fan FI. EL 118/6" (Col. 5-16) 1 12/4/19A 3/30/21 12/1/19 4/17/21 Image: Col. 5-16 1 12/4/19A 3/30/21 12/4/19A 3/30/21 Image: Col. 5-16 1 12/4/19A 3/30/21 Image: Col. 5-16 1 12/4/19A 3/30/21 Image: Col. 5-16 1 12/4/19A 3/30/21 Image: Col. 5-16 Image: Col. 5-16 1 12/4/19A 3/30/21 Image: Col. 5-16 Image: Col. 5-16 <td< td=""><td>Unit 2</td><td>382 12/4/19A 3/30/21 3/13/21 6/23/21 87</td><td></td><td>3/13/21, Init 2</td></td<>	Unit 2	382 12/4/19A 3/30/21 3/13/21 6/23/21 87		3/13/21, Init 2
IA.U2.P.101 ID& Fan FI. EI. 118'6" (Col. 5-16) 1 1/1/1/2 1/1/1/2 1/1/1/2 IA.U2.P.101 ID& Fan FI. EI. 98'6" (Col. 5-16) 1 1/2/1/1/2 1/2/1/1/2 1/2/1/1/2 IA.U2.P.101 ID& Fan FI. EI. 98'6" (Col. 5-16) 1 1/2/1/1/2 1/2/1/1/2 1/2/1/1/2	IA.UZ.1000 Containment Breakdown	12 3/1/21 6/10/21 3/13/21 6/23/21 8/		Containment Breakdown
IA.U2.P.101 ID& Fan FI. EI. 98'6" (Col. 5-16) 1 12/5/19 A 4/17/21 12/5/19 A 4/17/21	IA I/3 D 10(Ventilating Fan El El 118%" (Col 5-16)	1 12/11/1 4 12/10/2 12/10/2 12/10/2 12/10/2		
		1 12/4/19A 2/32/21 12/4/19A 3/30/21		
	IA.U2.P.101 ID & Fan Fl. El. 98'0" (Col. 5-16)	1 12/5/19A 4/17/21 12/5/19A 4/17/21		

Data Date: 2/1/21		MA	0842-U-10	- MA084	2 NRG E	ncina	Powe	r Station - Update 10 - 2021-02-01	05. Detailed Schedule	Page 12 of 15
Activity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	Float		2020 20	24	2022
						er.		ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec Jan Feb	Mar Apr May n
IA.U2.P.102	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1 12/6/19 A	4/17/21	12/6/19 A	4/17/21	Ē		Platforms @ El 82'4" & 87'10" (Col. 5-16)		
IA.U2.P.103	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2 12/7/19A	4/17/21	12/7/19 A	4/17/21			➡ Preheater/Dearator FI. El. 72'6" (Col. \$16)		
IA.U2.P.104	Platform El. 61'4" (Col. 5-16)	1 12/9/19 A	4/17/21	12/9/19 A	4/17/21	-		Platform El. 61'4" (Col. 5-16)		
IA.U2.P.105	Platform El. 50'0" (Col. 5-16)	1 12/9/19 A	4/17/21	12/9/19 A	4/17/21			Platform EI. 50'0" (Col. 5-16)		
IA.U2.P.106	Operating Fl. El. 34'0" (Col. 5-16)	2 12/10/19	4/17/21	12/10/19	4/17/21			Diperating FI, El. 34'0" (Col. 5-16)		
IA.U2.P.107	Mezz. Fl. El. 17'6" (Col. 5-16)	2 12/11/19	4/17/21	12/11/19	4/17/21			Mezz. Fl. El. 17'6" (Col. 5-16)		
Containment -	Jnit 1/2	37 1/29/20 A	4/17/21	3/17/20 A	4/17/21			1 → 3/17/20 A, Containment - Unit 1/2		
IA.U2.C.10(Col. D Containment Wall	5 1/29/20 A	4/17/21	3/7/20 A	4/17/21			Col. D Containment Walt		
IA.U2.C.10'	Critical Misc. Openings	10 3/5/20 A	4/17/21	3/17/20 A	4/17/21			Critical Misc. Openings		
Abate asbestos	- Unit 2	114 9/15/20 A	4/17/21	2/20/21	6/10/21	93		III ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	os - Unit 2	
IA.U2.A.132	Clearance	1 2/18/21	5/5/21	2/18/21	5/5/21	65				
Accessible Fr	iable ACM	33 10/10/20	4/17/21	11/24/20	4/17/21			IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
IA.U2.A.1(Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3 10/10/20	4/17/21	10/19/20	4/17/21			Ventilating #an FL EL 118'6"(Col. 5-16)		
IA.U2.A.1(ID & Fan Fl. El. 98'6" (Col. 5-16)	3 10/10/20	4/17/21	10/26/20	4/17/21					
IA.U2.A.1(Platforms @ El 82'4" & 87'10" (Col. 5-16)	2 10/22/20	4/17/21	10/28/20	4/17/21			Flatforms @ El82'4' & 87'10' (Cd 5-16)		
IA.U2.A.1(Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2 10/22/20	4/17/21	10/28/20	4/17/21			Freheater/Dearator FI, EI. 72'6' (Co. 5-16)		
IA.U2.A.1(Platform El. 61'4" (Col. 5-16)	2 10/28/20	4/17/21	11/4/20 A	4/17/21			Platform El. 6/14" (¢ol 5-16)		
IA.U2.A.1(Platform El. 50'0" (Col. 5-16)	2 10/28/20	4/17/21	11/4/20 A	4/17/21			Platform El. 500" (¢ol 5-16)		
IA.U2.A.1(Operating Fl. El. 34'0" (Col. 5-16)	3 11/5/20 A	4/17/21	11/11/20	4/17/21					
IA.U2.A.1(Mezz. Fl. El. 17'6" (Col. 5-16)	3 11/11/20	4/17/21	11/24/20	4/17/21					
Skin Boiler		30 9/15/20 A	4/21/21	10/9/20 A	4/26/21			10/9/20 A, Skin Bbier		
IA.U2.A.1(Ventilating Fan Fl. El. 118'6" (Col. 5-16)	2 9/15/20 A	4/21/21	9/17/20 A	4/21/21			Mentilatirg Fan Fi, El. 118'6' (Qol. 5-16)		
IA.U2.A.11	ID & Fan Fl. El. 98'6" (Col. 5-16)	2 9/18/20 A	4/21/21	9/21/20 A	4/21/21			I D & Fan Fl. El. 9β'6" (Col. 5+1β)		
IA.U2.A.11	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1 9/21/20 A	4/21/21	9/23/20 A	4/21/21			□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□		
IA.U2.A.11	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1 9/23/20 A	4/26/21	9/26/20 A	4/26/21			Preheater/Dearator FILEI. 72'6" (Col. 5-16)		
IA.U2.A.11	Platform El. 61'4" (Col. 5-16)	1 9/28/20 A	4/21/21	9/30/20 A	4/21/21			Platform El. 6(:4" (Co. 5-)6)		
IA.U2.A.11	Platform El. 50'0" (Col. 5-16)	1 9/30/20 A	4/21/21	10/2/20 A	4/21/21			Platfom EI. 500" (Col. 5-16		
IA.U2.A.11	Operating Fl. El. 34'0" (Col. 5-16)	2 10/2/20 A	4/22/21	10/6/20 A	4/22/21			 Operating FI. ≣I. 34001 (Odi. 5-16)		
IA.U2.A.12	Mezz. Fl. El. 17'6" (Col. 5-16)	2 10/6/20 A	4/22/21	10/9/20 A	4/22/21			Mezz. Fl. El. 17'6 (Col. 5-16)		
Boiler Insulati	on Removal	24 10/10/20	4/26/21	11/24/20	4/26/21			11/24/20 A Boiler Insulation Removal		
IA.U2.A.1(Ventilating Fan Fl. El. 118'6" (Col. 5-16)	3 10/10/20	4/26/21	10/19/20	4/26/21					
IA.U2.A.11	ID & Fan Fl. El. 98'6" (Col. 5-16)	3 10/10/20	4/26/21	10/26/20	4/26/21			📕 🛛 🖓 🕂 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬		
IA.U2.A.11	Platforms @ El 82'4" & 87'10" (Col. 5-16)	2 10/22/20	4/26/21	10/28/20	4/26/21			Flatforms @ E182'4' & 87'10' (Cd 5+16)		
IA.U2.A.11	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	2 10/22/20	4/26/21	10/28/20	4/26/21			Preheater/Dearator #1, El. 72'6' (Cd. 5-16)		
IA.U2.A.11	Platform El. 61'4" (Col. 5-16)	2 10/28/20	4/26/21	11/4/20 A	4/26/21			Plátforni El. 6114" (¢òl 5-16)		
IA.U2.A.12	Platform El. 50'0" (Col. 5-16)	2 10/28/20	4/26/21	11/4/20 A	4/26/21			Platform El. 500" (¢ol 5-16)		
IA.U2.A.12	Operating Fl. El. 34'0" (Col. 5-16)	3 11/5/20 A	4/26/21	11/11/20	4/26/21			Operating FILEI. 34′0" (Coll 5-16		
IA.U2.A.12	Mezz. Fl. El. 17'6" (Col. 5-16)	3 11/11/20	4/26/21	11/24/20	4/26/21					
Final Clean		8 2/1/21	4/26/21	2/9/21	5/4/21	72		11 2/9/P1 Final Clean		
IA.U2.A.12	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1 2/1/21	4/26/21	2/1/21	4/26/21	72		III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	6" (Col. 5-16)	
IA.U2.A.12	ID & Fan Fl. El. 98'6" (Col. 5-16)	1 2/2/21	4/27/21	2/2/21	4/27/21	72		III III III III III III III III III II	5-16)	
IA.U2.A.12	Platforms @ El 82'4" & 87'10" (Col. 5-16)	1 2/3/21	4/28/21	2/3/21	4/28/21	72		■ Platforms @ Ell82'4" & 87	"10" (Col. 5-16)	
IA.U2.A.12	Preheater/Dearator Fl. El. 72'6" (Col. 5-16)	1 2/4/21	4/29/21	2/4/21	4/29/21	72		Preheater/Dearaior FI. El.	72'6" (Col. 5-16)	
IA.U2.A.12	Platform El. 61'4" (Col. 5-16)	1 2/5/21	4/30/21	2/5/21	4/30/21	72		Platform EL 61 47 (Col. 5-	16)	
IA.U2.A.12	Platform El. 50'0" (Col. 5-16)	1 2/6/21	5/1/21	2/6/21	5/1/21	72		Platform El 500" (Col. 5-	16)	
IA.U2.A.1:	Operating Fl. El. 34'0" (Col. 5-16)	1 2/8/21	5/3/21	2/8/21	5/3/21	72		□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	ol. 5-16)	
IA.U2.A.13	Mezz. H. El. 17'6" (Col. 5-16)	1 2/9/21	5/4/21	2/9/21	5/4/21	72			>-16)	
Non-Friable B	rick Removal	13 10/10/20	6/8/21	2/20/21	6/10/21	93		2/P0/21 Nort Friable B		
IA.U2.A.1:	Mezz. H. El. 17'6" (Col. 5-16)	1 11/11/20	6/8/21	2/19/21	6/8/21	93			5-16)	
IA.U2.A.1:	Operating Fl. El. 34'0" (Col. 5-16)	1 11/5/20 A	6/9/21	2/20/21	6/9/21	93			(Col. 5-16)	
IA.U2.A.1:	Plattorm El. 50'0" (Col. 5-16)	1 10/28/20	6/10/21	11/4/20 A	6/10/21					
IA.U2.A.1:	Platform El. 61'4" (Col. 5-16)	1 10/28/20	6/10/21	11/4/20 A	6/10/21			Platform [El. 6/114" (Coll 5-16)		
IA.U2.A.13	Preneater/Dearator H. El. /2'6" (Col. 5-16)	1 10/22/20	6/10/21	10/28/20	6/10/21			PreheaternDearator Fil El. 72'β' (04). 5-16)		

Data Date: 2/1/	/21	MA	0842-U-1	0 - MA084	2 NRG E	ncina P	ower Station - Update 10 - 2021-02-01	05. Detailed Schedule Page 13 of 1
Activity ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	Float	0000	0000
						a de	2020 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May
IA.U2.A.1	El 82'4" & 87'10" (Col. 5-16)	1 10/22/20	6/10/21	10/28/20	6/10/21			@ E B2 '4' & B 7'10' (Cd 1 5+16)
IA.U2.A.1	1: ID & Fan Fl. El. 98'6" (Col. 5-16)	1 10/10/20	6/10/21	10/26/20	6/10/21		ID & Fan F	I. EL 98'6' (Opl. 5-16)
IA.U2.A.1	Ventilating Fan Fl. El. 118'6" (Col. 5-16)	1 10/10/20	6/10/21	10/19/20	6/10/21			an Fill El. 1/18/6" (Col. 5416)
Unit 1		369 12/4/19 A	4/17/21	2/27/21	6/9/21	87		
Prep - Unit 1		22 12/4/19 A	4/17/21	12/13/19	4/17/21		▼ 12/13/19 A /Prep - Unit 1	
	00 Ventilating Fan FL FL 118'6" (Col. 1-5)	1 12/4/19 A	4/17/21	12/5/19 A	4/17/21		Ventilating Fan FL FL 118'6" (Col 15)	
IA LI1 P10	10 ID & Fan FL FL 98'6" (Col. 1-5)	2 12/5/19 A	4/17/21	12/6/19 A	4/17/21		UD'& Fan FL FL 98'6" (Col 1-5)	
IA LI1 P10	20 Platforms @ FI 82'4" & 87'10" (Col. 1-5)	1 12/7/19 A	4/17/21	12/7/19 A	4/17/21		► Platforms@ FI 82'4" & 87'10" (Col 14)	
	30 Preheater/Dearator EL EL 72'6" (Col. 1-5)	2 12/9/10 A	4/17/21	12/0/10 Δ	4/17/21		► Preheater/Dearator ELEL 72'6" (Col 1.5)	
	40 Platform El. 61'4" (Col. 1-5)	1 12/10/19	4/17/21	12/10/19	4/17/21		► Platform FL 61/4" (Col 1-5)	┝╶╴┨╫╢┥╴╶┫┥┺╴┊╸╽┥┆╴╫╬╶┊╴╴╴┊╴╴╴┊╴┥╴╴╴╡╴╴╴┊╴╴╴┤╌┥╴╴╴┨╶╢╴╴╴┊╴╴╴┨╴┨╴┊╴╴╴┠
	50 Platform El. 50'0" (Col. 1-5)	1 12/11/19	4/17/21	12/10/10	4/17/21		► Platform EL 50'0" (Col. 1-5)	
	60 Operating EL EL 34'0" (Col. 1.5)	2 12/12/10	4/17/21	12/11/19	4/17/21			
	70 Mozz El El 17'6" (Col 1.5)	4 12/12/19	4/17/21	12/12/19	4/17/21		Mozz El El 17/6" (Col 15)	
Abata aabaa	too ///////////////////////////////////	12/ 13/ 19	4/17/21	2/27/24	6/0/21	07		
Abale asbes		61 0/15/20 A	4/17/21	2/2//21 10/0/20 A	0/9/21	07		
	0 Ventilating Ean EL EL 119'6" (Col. 1.5)	01 9/15/20A	4/21/21	0/17/20 A	4/22/21			
		2 9/15/20A	4/21/21	9/11/20 A	4/21/21			
IA.UT.A1		2 9/18/20A	4/21/21	9/21/20 A	4/21/21			
IA.U1.A1	0 Platforms @ El 82'4" & 87'10" (Col. 1-5)	1 9/21/20 A	4/21/21	9/23/20 A	4/21/21			
IA.U1.A1	0 Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1 9/23/20 A	4/21/21	9/26/20 A	4/21/21		Thereate n/Dear	tor Hi, ⊯L, γ21p" (Col., 1, 3)
IA.U1.A1	1' Platform El. 61'4" (Col. 1-5)	1 9/28/20 A	4/21/21	9/30/20 A	4/21/21			
IA.U1.A1	1: Platform El. 50'0" (Col. 1-5)	1 9/30/20 A	4/21/21	10/2/20 A	4/21/21			
IA.U1.A1	11 Operating FI. EI. 34'0" (Col. 1-5)	2 10/2/20 A	4/21/21	10/6/20 A	4/21/21			EI. 344/07 (Col. 1-5)
IA.U1.A1	2 Mezz. Fl. El. 17'6" (Col. 1-5)	2 10/6/20 A	4/22/21	10/9/20 A	4/22/21			
Boiler Insu	lation Removal	42 12/2/20 A	4/21/21	2/8/21	4/24/21	65		2/8/21, Bdiler Insulation Removal
IA.U1.A1	0 Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3 12/2/20 A	4/21/21	12/9/20 A	4/21/21			htileting Fan Fl. El. 118 6 " (Col. 1-5)
IA.U1.A1	11 ID & Fan Fl. El. 98'6" (Col. 1-5)	3 12/7/20 A	4/21/21	12/11/20	4/21/21			& Fan Fl. El. 98'6" (Col. 1 -5)
IA.U1.A1	1: Platforms @ El 82'4" & 87'10" (Col. 1-5)	2 12/11/20	4/21/21	12/12/20	4/21/21			atforms @ E 8214" & 87110" (Col. 1-5)
IA.U1.A1	1 Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2 12/14/20	4/21/21	12/16/20	4/21/21			reheater/Dearator FL EL 72'6" (Col. 1-5)
IA.U1.A1	1! Platform El. 61'4" (Col. 1-5)	2 1/13/21 A	4/21/21	1/16/21 A	4/21/21			Platform El 61'4" (Cpl. 1-5)
IA.U1.A1	2 Platform El. 50'0" (Col. 1-5)	2 1/18/21 A	4/21/21	1/21/21 A	4/21/21			▶ 1 Platføm El 500" (C ol. 1-5)
IA.U1.A1	2 Operating Fl. El. 34'0" (Col. 1-5)	3 1/21/21 A	4/21/21	2/1/21	4/21/21	68		▶ 1 Operating Fil El 84'0" (Col. 1-5)
IA.U1.A1	2 Mezz. Fl. El. 17'6" (Col. 1-5)	3 2/5/21	4/22/21	2/8/21	4/24/21	65		Mezz. Fl. El. 1716" (Col. 1-5)
Final Clean	•	8 2/9/21	4/26/21	2/17/21	5/4/21	65		2/17/21, Fina Clean
IA.U1.A1	2 Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1 2/9/21	4/26/21	2/9/21	4/26/21	65		••••• Venlilating Fan FI. El. 118'6" (Cql. 1-5)
IA.U1.A1	2 ID & Fan Fl. El. 98'6" (Col. 1-5)	1 2/10/21	4/27/21	2/10/21	4/27/21	65		10/8 Fan Fil El 98'6" (Col. 1-5)
IA.U1.A1	2 Platforms @ El 82'4" & 87'10" (Col. 1-5)	1 2/11/21	4/28/21	2/11/21	4/28/21	65		Filatforms @ == 82'4" & 87'10" (Col. 1-5)
IA.U1.A1	2 Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1 2/12/21	4/29/21	2/12/21	4/29/21	65		Preheatet/Deatator FI. El. 72'6" (Col. 1-5)
IA.U1.A1	2 Platform El. 61'4" (Col. 1-5)	1 2/13/21	4/30/21	2/13/21	4/30/21	65		Pta form El. 6114" (Col. 1-5)
IA.U1.A1	2 Platform El. 50'0" (Col. 1-5)	1 2/15/21	5/1/21	2/15/21	5/1/21	65		Piatform EI, 500° (Col. 1-5)
IA.U1.A1	3 Operating Fl. El. 34'0" (Col. 1-5)	1 2/16/21	5/3/21	2/16/21	5/3/21	65		Operating FI. EI. 34'0" (Col. 1-5)
IA.U1.A1	3 Mezz. Fl. El. 17'6" (Col. 1-5)	1 2/17/21	5/4/21	2/17/21	5/4/21	65		Mezz: FI, EJ. 17'6" (Col. 1-5)
Non-Friable	e Brick Removal	8 2/19/21	6/1/21	2/27/21	6/9/21	87		2/27/21 Non-Friable Brick Removal
IA.U1.A1	3 Mezz. Fl. El. 17'6" (Col. 1-5)	1 2/19/21	6/1/21	2/19/21	6/1/21	87		Mezz FI. El. 17'6" (Cal. 1-5)
IA.U1.A1	3 Operating Fl. El. 34'0" (Col. 1-5)	1 2/20/21	6/2/21	2/20/21	6/2/21	87		P Operating FI EI 34'0 [†] (Col. 1-5)
IA.U1.A1	3 Platform El. 50'0" (Col. 1-5)	1 2/22/21	6/3/21	2/22/21	6/3/21	87		Patform El. 50'0" (Col. 1-5)
IA.U1.A1	3 Platform El. 61'4" (Col. 1-5)	1 2/23/21	6/4/21	2/23/21	6/4/21	87		▶ Platform El. 11'4" (Col. 1-5)
IA.U1.A1	3 Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	1 2/24/21	6/5/21	2/24/21	6/5/21	87		Preheater/Dearator Fl. El. 72'6" (Col. 1-5)
IA.U1.A1	3 Platforms @ El 82'4" & 87'10" (Col. 1-5)	1 2/25/21	6/7/21	2/25/21	6/7/21	87		Hatforms @El 82'4" & 87'10" (Col. 1-5)
IA.U1.A1	3 ID & Fan Fl. El. 98'6" (Col. 1-5)	1 2/26/21	6/8/21	2/26/21	6/8/21	87		ID & Fan FILEL 98'6" (Col. 1-5)
IA.U1.A1	Ventilating Fan Fl. El. 118'6" (Col. 1-5)	1 2/27/21	6/9/21	2/27/21	6/9/21	87		Ventilating Fan Fl. El. 118'6" (Col. 1-5)
Accessible	Friable ACM	47 12/2/20 A	4/17/21	2/4/21	4/21/21	65		2/4/21, Accessible Friable ACM
IA.U1.A1	0 Ventilating Fan Fl. El. 118'6" (Col. 1-5)	3 12/2/20 A	4/17/21	12/9/20 A	4/17/21			htilating Fan Fl. El. 1186 (Col. 1-5)
IA.U1.A1	0 ID & Fan Fl. El. 98'6" (Col. 1-5)	3 12/7/20 A	4/17/21	12/11/20	4/17/21			& Flan FI. EI. 9860" (Coll.) -5)
								· ··· ··· ··· ··· ··· ··· ··· ··· ···

Dat	a Date: 2/1/21		МА	.0842-U-10	- MA08 4	2 NRG E	ncin	1 Power Station - Update 10 - 2021-02-01	05. Detailed Schedule	Page 14 of 15
Activit	y ID	Activity Name	Orig Dur Start	Late Start	Finish	Late Finish	Float			0000
								2020 n Oct Nov Dec Jan Feb Mar Anr May Jun Jul Aug Sen Oct Nov Dec Jan Feb Mar Ar	2021 br May Jun Jul Aug Sen Oct Nov Dec Jan F	2022 eb Mar Apr May n
	IA.U1.A10	Platforms @ El 82'4" & 87'10" (Col. 1-5)	2 12/11/20	4/17/21	12/12/20	4/17/21			& 87110" (Cot. 1-5)	
	IA.U1.A10	Preheater/Dearator Fl. El. 72'6" (Col. 1-5)	2 12/14/20	4/17/21	12/16/20	4/17/21		reheater/Dearator	FI EI 72'6" (Col. 1-5)	
	IA.U1.A10	Platform El. 61'4" (Col. 1-5)	2 1/13/21 A	4/17/21	1/16/21 A	4/17/21		Platform El. 61	'4'' (Co l. 1-5)	
	IA.U1.A11.	Platform El. 50'0" (Col. 1-5)	2 1/18/21 A	4/17/21	1/21/21 A	4/17/21		Platførn El 5	D(0" (C ol. 1-5)	
	IA.U1.A11	Operating Fl. El. 34'0" (Col. 1-5)	3 1/21/21 A	4/17/21	2/1/21	4/17/21	65	Operating F	1. El. 34'0" (Col. 1-5)	
	IA.U1.A11	Mezz. Fl. El. 17'6" (Col. 1-5)	3 2/2/21	4/19/21	2/4/21	4/21/21	65		1.17 6 " (Col. 1-5)	
	Exterior Transit	e Removal	151 7/20/20 A	3/19/21	3/19/21	1/12/22	235		9/21 Exterior Transite Removal	
	TR.1000	Exterior Transite Removal Col. 17-21 Ground elevation	2 7/20/20 A	3/19/21	8/25/20 A	3/19/21		Ekterior Transite Renioval Col. 17-21 Gro	und elevation	
	TR.1010	Exterior Transite Removal Col. 21 - H-D	9 1/12/21 A	4/6/21	1/21/21 A	4/6/21		📕 🛛 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬 🖬	te Removal Col. 21 - H-D	
	TR.1020	Exterior Transite Removal Col. 18 / A to A1	1 9/12/20 A	3/19/21	9/13/20 A	3/19/21		Exterior Transite Removal Coll, 18 / A		
	TR.1040	Exterior Transite Removal Col. A1 / 22 to 18	2 9/21/20 A	3/19/21	9/22/20 A	3/19/21		🚺 🚺 🔚 🖬 🖬 Extelior Transite Removal Col A1 / :	22; to 18	
	TR.1050	Exterior Transite Removal Col. 22 / A to A1	1 9/21/20 A	3/19/21	9/22/20 A	3/19/21		📕 Extelior Transite Rempval ζφι 22/	Ato At	
	TR.1060	Exterior Transite Removal Col. 25 / A to A1	1 9/22/20 A	3/19/21	9/23/20 A	3/19/21		Line Line Line Line Line Line Line Line		
	TR.1070	Exterior Transite Removal Col. H / Col.'s 15 to 21	11 9/16/20 A	6/17/21	10/13/20	6/17/21		III Exterior Transite Removal Col ⊢	Col s 15 to 21	
	TR.1090	Exterior Transite Removal Col. A1 / 31 to 25	3 10/15/20	3/19/21	11/4/20 A	3/19/21		Exterior Transite Removal C	pl. A11/ 31 to 25	
	TR.1100	Exterior Transit Removal Col. H / Col.'s 21 to 26	11 10/13/20	4/20/21	10/22/20	4/20/21		Exterior Transit Removal Col. H	/ Co 's 21 to 26	
	TR.1110	Exterior Transite Removal Col. 31 / A to A1	1 2/1/21	3/19/21	2/1/21	3/19/21	40		nsite Removal Col. 31 / A to A1	
	TR.1120	Exterior Transite Removal Col. 26-31 / H-K Ground El. 53'	3 8/25/20 A	4/27/21	8/31/20 A	4/27/21		Exterior Transite Removal Col. 26-31 H	HK Ground El. 53'	
	TR.1130	Exterior Transite Removal Col. 26 - H-D	10 2/1/21	4/6/21	2/11/21	4/17/21	56	Exterior Tr	ansile Removal Col. 26 - H-D	
	TR.1160	Exterior Transit Removal Col. 31/ Col.'s H to D	11 11/12/20	5/6/21	12/18/20	5/6/21		tterior Transt Rem	oval Col. 31/ Col.'s H to D	
	TR.1170	Exterior Transit Removal Col. H / Col.'s 26 to 31	11 10/23/20	6/17/21	11/9/20 A	6/17/21		Exterior Transit Removal Co	에 HI/Col.'s 26 to 31	
	TR.1180	Transite Parapet Removal Col. H / 15 to 10	3 10/1/20 A	4/17/21	3/9/21	4/20/21	36		site Harapet Removal Col. H / 15 to 10	
	TR.1210	Exterior Transit Removal Col. A / Col.'s 31 to 27	8 2/15/21	5/6/21	2/23/21	5/14/21	69		Transt Removal Col. A / Col.'s 31 to 27	
	TR.1220	Exterior Transit Removal Col. 31/ Col.'s D to A	9 2/5/21	6/17/21	2/16/21	6/28/21	113		ranst Removal Col. 31/ Col.'s D to A	
	TR.1230	Transite Parapet Removal Col. H / 10 to 5	3 1/21/21 A	5/28/21	3/19/21	5/28/21	60	tra	nsite Parapet Removal Col. H/ 10 to 5	
	TR.1260	Exterior Transit Removal Col. A/ Col.'s 22 to 19	8 2/24/21	5/15/21	3/4/21	5/24/21	69	Exteri	pr Transit Removal Col. A/ Col.'s 22 to 19	
	TR.1270	Exterior Transit Removal Col. A/ Col.'s 27 to 22	8 10/15/20	6/28/21	2/22/21	7/3/21	113	Exterior	Transt Removal Col. A / Col.'s 27 to 22	
	TR.1280	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 15 to 31	15 9/17/20 A	5/29/21	11/2/20 A	5/29/21		Scaffold Install Turbing Roof	(EI. 89'6" to 158'3") Col. D / 15 to 31	
	TR.1285	Scaffold Install Turbine Roof (El. 89'6" to 158'3") Col. D / 1 to 15	15 10/5/20 A	5/29/21	11/3/20 A	5/29/21		Scaffold Install Turdine Roof	(EI 89'6" to 158'3") Col. D / 1 to 15	
	TR.1290	Transite Parapet Removal Col. H / 5 to 1	3 1/18/21 A	5/29/21	1/20/21 A	5/29/21		Transite Para	pet Removal Col. H / 5 to 1	
	TR.1310	Exterior Transit Removal Col. A/ Col.'s 19 to 15	4 10/22/20	1/7/22	2/25/21	1/11/22	263		Transit Removal Col. A / Col.'s 19 to 15	
	TR.1320	Transite Parapet Removal Col. 1 / D to H	3 1/13/21 A	5/29/21	1/15/21 A	5/29/21		Transite Parap	et Removal Col. 1 / D to H	
	TR.1330	Transite Parapet Removal Col. D / 5 to 1	3 10/14/20	5/29/21	11/13/20	5/29/21		Transite Parabet Removal	Col. 0 / 5 to 1	
	TR.1340	Transite Parapet Removal Col. D / 10 to 5	3 11/14/20	5/29/21	11/15/20	5/29/21		Transite Parapet Remova	Col 0 / 10 to 5	
	TR.1350	Exterior Transite Removal (El. 89'6" to 158'3") Col. D / 15 to 31	8 9/1/20 A	1/12/22	12/18/20	1/12/22		Exterior Transite Rei	mova (ΕΙ. 89'6" to 158'3") Col. D / 15 to β1	
	TR.1360	Transite Parapet Removal Col. D / 15 to 10	3 11/16/20	5/29/21	11/18/20	5/29/21		Transite Parapet Remova	I Col. D/ 15 to 10	
,	Site Work		274 3/23/21	7/8/21	2/18/22	4/8/22	42			▼ 2/18/22, Site Work
	SW.1010	Crush Concrete from Stack & Wall Demo	60 5/4/21	11/4/21	7/13/21	1/25/22	158		Crush Concrete from Stack & Wall De	amo
	SW.1030	Install fence at switch yard	10 6/5/21	3/17/22	6/17/21	3/28/22	232		Install fence at switch yard	
	SW.1040	Crush Balance of Concrete Post Demo	20 10/27/21	1/26/22	11/19/21	2/17/22	67		Crush Balahc	e of Concrete Post De
	SW.1050	Backfill Power Block	45 12/8/21	1/26/22	2/9/22	3/19/22	33			Backfill Power Block
	SW.1055	Backfill Units 4 & 5 Basement to El. 0	10 6/2/21	9/27/21	6/14/21	10/7/21	100		► Backfill Units 4 & 5 Basement to El. 0	
	SW.1060	Install guard rail at former bridge locations	10 5/11/21	3/17/22	5/22/21	3/28/22	254		Install guard rail at former bridge locations	
	SW.1070	Final Grading	7 2/9/22	3/21/22	2/17/22	3/28/22	33			Final Grading
	SW.1080	Pavement Repair - if required	1 2/17/22	4/8/22	2/18/22	4/8/22	42			Pavement Repair
	Backfill Tunne	s to Control Houses	58 3/23/21	7/8/21	5/29/21	1/11/22	184		5/29/21, Backfill Tunnels to Control Houses	
	SW.1000	Control Bldg. 1/2 Tunnel Backfill	2 3/23/21	1/10/22	3/25/21	1/11/22	240		ontrol Bldg. 1/2 Tunnel Backfill	
	SW.1020	Control Bldg. 3 Tunnel Backfill	2 5/27/21	7/8/21	5/29/21	7/9/21	36		🛏 Control Bldg. 3 Tunnel Backfill	
	Cooling Water I	ntake & Discharge	201 7/20/20 A	3/10/21	4/7/21	1/8/22	227		4/7/21, Cooling Water Intake & Discharge	
	CW.1000	Utility Disconnect Unit 3 MCC - Plant Black	30 7/31/20 A	3/10/21	8/31/20 A	3/10/21		Utility Disconnect Unit 3 MICC - Plant Bla	ck	
	CW.1010	De-water	10 12/1/20 A	3/10/21	2/5/21	3/16/21	33			l
	CW.1020	Remove Universal Wastes Unit 4 and 5 Circ Water System	2 7/20/20 A	3/19/21	7/25/20 A	3/19/21		└─∎ Remove Universal Wastes Unit 4 and 6 Circ W	ater System	
	CW.1030	Remove silt	3 2/6/21	3/16/21	2/9/21	3/19/21	33	Removés	ilt i i i i i i i i i i i i i i i i i i	

Data Date: 2/1/21			MA	0842-U-10	- MA084	2 NRG E	ncin	a Power Station -	Update	e 10 - 2	2021-0	02-01				05. Detailed Schedule		Page 1	5 of 15
Activity ID	Activity Name	Orig Dur	⁻ Start	Late Start	Finish	Late Finish	Float				2020				2024			2022	
								p Oct Nov Dec Jan I	eb Mar /	Apr Mav	ZUZU	I Aua S	ep Oct Nov [Dec Jan I	ا 202 Feb Mar Apr Mav Jun Jul	Aug Sep Oct Nov Dec Ja	an Feb	2022 Mar I Ap	r Mav n
CW.1040	Install CLSM in Units 4 and 5 Discharge	8	1/25/21 A	3/19/21	1/29/21 A	3/19/21								L -	Install CLSM in Units 4 and 5 [Discharge			
CW.1050	Demolish surface equipment Circ Water Unit 5	3	8/11/20 A	3/19/21	2/10/21	3/20/21	33								Demolish surface equipment	Circ Water Unit 5			
CW.1060	Demolish Surface equipment Circ Water Unit 4	3	8/15/20 A	3/20/21	2/11/21	3/20/21	33								Demolish Surface equipmer	t Circ Water Unit 4			
CW.1070	Demo CW Deck Unit 4 Col. 23-16	3	2/11/21	3/22/21	2/15/21	3/24/21	33							····	Demo CW Deok Unit 4 Col.	23-16			
CW.1075	Ramp into Turbine Hall Basement Col. 23 to 26	4	4/2/21	5/25/21	4/7/21	5/28/21	45								Ramp into Turbine	Hall Basement Col. 23 to 26			
CW.1080	Backfill CW Intake/Discharge Tunnels Unit 4 Col. 23-16	5	2/17/21	3/27/21	2/23/21	4/1/21	33								Backfill CW Intake/Dischar	ge Tunnels Unit 4 Col. 23-16			
CW.1090	Demo CW Deck Unit 3 Col. 16-10	3	2/23/21	6/12/21	2/26/21	6/15/21	94								Demo CW Deck Unit 3 Co	»l. 16-10			
CW.1100	Backfill CW Intake/Discharge Tunnel Unit 3 Col. 16-10	5	2/26/21	6/16/21	3/4/21	6/21/21	94			1					Backfill CW Intake/Disch	arge Tunnel Unit 3 Col. 16-10			
CW.1110	Demo CW Deck Unit 2 Col. 10-5	3	3/4/21	6/22/21	3/8/21	6/24/21	94								Demo CW Deck Unit 2 (Jol. 10-5			
CW.1120	Backfill CW Intake/Discharge Tunnel Unit 2 Col. 10-5	5	3/8/21	6/25/21	3/13/21	6/30/21	94								Backfill CW Intake/Disc	harge Tunnel Unit 2 Col. 10-5			
CW.1130	Demo CW Deck Unit 1 Col. 5-1	3	3/13/21	7/1/21	3/17/21	7/3/21	94								Demo CW Deck Unit 1	Col. 5-1			
CW.1140	Backfill CW Intake/Discharge Tunnel Unit 1 Col. 5-1	5	3/17/21	1/4/22	3/23/21	1/8/22	240			1					Backfill CW Intake/Di	scharge Tunnel Unit 1 Col. 5-1			
CW.1150	Demo CW Deck Unit 5 Col. 31-23	3	3/17/21	7/5/21	3/20/21	7/7/21	94			1					Demo CW Deck Unit	5 Col. 31-23			
CW.1160	Backfill CW Intake/Discharge Unit 5 Col. 28-23	6	3/20/21	7/8/21	3/27/21	7/14/21	94								Backfill CW Intake/D	ischarge Unit 5 Col. 28-23			
Project Comple	tion	10	2/17/22	3/29/22	3/2/22	4/8/22	33											3/2/22,	Project C
PC.1000	De-mobilization	10	2/17/22	3/29/22	3/2/22	4/8/22	33			1							₽	Deimot	oilization

ATTACHMENT C

AQ-SC3 AIR QUALITY CONSTRUCTION COMPLIANCE SUMMARY JANUARY 2021


Air Quality Construction Compliance Summary

Amended Carlsbad Energy Center Project, Phase IV, San Diego County, CA (07-AFC-06C)

PREPARED FOR:	Carlsbad Power I, LLC for the licensed Carlsbad Energy Center Project
PREPARED BY:	George Piantka, NRG Energy, Inc.
DATE:	February 11, 2021
COMPLIANCE PERIOD:	January 2021

This compliance memorandum summarizes the activities conducted in July 2020 to demonstrate compliance with the approved *Air Quality Construction Mitigation Plan (AQCMP) for Phase IV of the Amended Carlsbad Energy Center Project* (Amended CECP) (CEC, 2019). The Amended CECP Phase IV AQCMP covers the aboveground demolition/removal of Encina Power Station. Below grade demolition and site remediation, which would be accomplished under the authority of San Diego County Environmental Health Department (site remediation) and the City of Carlsbad (redevelopment of the site for future use), are beyond the scope of Phase IV of the Amended CECP.

Mobilization for Phase IV of the project started during the first week of November 2019. Limited demolition and asbestos abatement began on January 29, 2020.

Due to the COVID-19 pandemic and the California State of Emergency, demolition activities were suspended on March 20, 2020. Demolition activities recommenced during the week of July 6-10, 2020 with limited remobilization during which staff were re-orientated to the site and the scope of work, and safety trained.

Demolition activities involving interior and exterior asbestos abatement, removal of numerous facility structures and equipment within the powerblock building, torch cutting of metallic equipment (stators, piping, etc.), and demolition of the stack chimney interior occurred during January 2021.

The demolition contractor requested through the Encina Power Station Air Quality Construction Mitigation Manager (AQCMM) Tier 3 engine relief/variance from Condition of Certification AQ-SC5 for a specialized excavator. The modified and retrofitted Liebherr 984C-ER excavator was designed and engineered over the course of several years to specifically meet and eliminate the safety concerns encountered during the demolition of power plants. The Tier 3 engine relief/variance was requested to allow the Liebherr 984C-ER excavator with (1) a retrofitted boom to reach and demolish commercial sized structural members 140' away from the operator, (2) a specially designed and reinforced operator cab cage with shatter proof glass to provide a safe working environment for the operator, and (3) hydraulic and shearing modifications to allow for the cutting and dismantling of commercial sized structural members at a safe distance be approved for use as the necessary equipment for safe and efficient demolition of the Encina.. The Liebherr 984C-ER excavator is expected to be the primary demolition machine onsite, and is scheduled to be onsite for several months, starting in late April/early May 2021. The CEC approved the relief/variance request on January 21, 2021.



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Due to the holiday period and delays associated with return to work Coronavirus protocols, the demolition contractor resumed work on January 11, 2021.

Fugitive Dust Compliance Measures

For this compliance period during Phase IV of the Encina Power Station Demolition, the following compliance measures were implemented, if they occurred, using the compliance checklist:

- Observance of a visible dust plume
- Additional control measures implemented to reduce a visible dust plume
- Complaints filed with the San Diego Air Pollution Control District
- Deviations from the AQCMP

The demolition contractor(s) begun limited demolition activities and asbestos abatement on January 29, 2020 and resumed these activities in July 2020. The active demolition and activities that could create fugitive dust did not result in visible fugitive dust in January 2021. Therefore, no additional control measures were implemented for fugitive dust. Demolition activities that entailed cutting operations utilized control measures including industrial fans and limitations to the duration of cutting events to reduce visible and odor causing emissions. A single complaint of odor and burning eyes was made to the San Diego Air Pollution Control District (SDAPCD) from a jogger running on Carlsbad Boulevard on January 19, 2021. The project's demolition contractor was cutting the Unit 3 stator with a smaller propane/oxygen torch within the powerblock building. Industrial fans were used during torch cutting of the stator to help dissipate potential odors. Cutting was also done intermittently to minimize potential for accumulation of odors or visible emissions. This specific cutting work was conducted from January 19-26, 2021, and no other complaints were reported during this period. This single complaint in January 2021 and previous complaints from cutting operations received during October and November of 2020 from the adjoining commercial/industrial neighbors have been addressed and recorded in the NOISE-2/COM-11 log. No deviations from conditions AQ-SC3 or AQ-SC4 occurred during the compliance period.

Fugitive dust control measures prescribed in the AQCMP are monitored via checklists, which are included in Attachment A of this report.

Diesel Equipment Compliance Measures

Diesel-fueled engines subject to the AQCMP and used during this compliance period that met the diesel equipment compliance measures were tagged by the Air Quality Construction Mitigation Manager (AQCMM) and/or the Delegated AQCMM to indicate the equipment are approved for use onsite. The equipment tagged during this compliance period are included in Table 1.

The following compliance measures were implemented during this compliance period:

- Equipment with diesel engines with a rating of 50 horsepower (hp) or higher shall meet Tier 4/4i emissions standards. No exemptions were requested for this compliance period.
- Equipment is maintained in accordance with manufactures recommendations.
- Equipment idling limited to 5 minutes or less to the extent practical.
- Equipment is labeled in accordance with Air Resources Board requirements.



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• Equipment will employ electric motors where feasible.

Equipment onsite and used during this compliance period are being recorded and are listed in Table 1 Documentation confirming that equipment used for ten (10) days or more are Tier 4 or Tier 4i, along with the appropriate letter from the equipment owner confirming maintenance is performed as required for the equipment listed in Table 1, are included as Attachment B to this memorandum.

References

California Energy Commission (CEC), 2019. *Air Quality Construction Mitigation Plan, Phase IV, Amended Carlsbad Energy Center Project, (07-AFC-06C),* Submitted on October 16, 2019; Awaiting CEC approval of Amendment.



Table 1 Diesel Equipment AQCMP 07-AFC-06C

<u>Date Arrived</u> (Removal <u>Date)</u>	<u>CARB ID</u>	<u>s/n</u>	<u>Equipment</u>	Engine Data	<u>Diesel</u> <u>hp</u>	<u>Tier</u>	<u>Equipment</u> <u>Owner</u> (Renter)
11/11/2019	FP4A83	41935	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG200	92	41	BISCO
11/11/2019	GC4A66	41936	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG2732	92	41	BISCO
11/11/2019	YG9P77	41937	Bobcat S770	Kubota, CKBXLO3.8AKD, V3800-CR-T, 3.8L, SN: CG4188	92	41	BISCO
01/07/2020	JN8S95	41951	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060110LEL02	92	4	BISCO
01/07/2020	XY9V35	41952	Bobcat S770	Doosan, KDICLO3.4LEA, D34P, 3.4L, SN: D34P9060108LEL02	92	4	BISCO
01/13/2020	VN6P66	800-8457	Tennant Sweeper	Kubota, HKBLX02.4EKD, 2403-T, 2.4L, SN: 7HD0257	57	4	BISCO
07/13/2020	UK9P58	Z62H-4439	Genie 62' Manlift	Deutz, KDZXL02.9021, D2.9L4, 2.9L, SN: 12372450	50	4	Sunbelt BISCO
07/24/2020	RP6M67	WLHZ- 1488KZC049084	Liebherr 926 WLC	Liebherr, KCHA27.01SQC. D34P, SN: 2018038427	268	4	BISCO
08/19/2020	KW7Y76	0300231915	JLG 180' Manway lift	Deutz, HDZXL03.6060, TCD 3.6, L4 , SN: 1196431	99.8	4	Sunbelt BISCO
08/19/2020	WP5U33	Z80H-7235	Genie 80' Manlift	Deutz, JDZXL02.9020, TD2.9L4, 2.9L, SN: 12258372	74	4	Sunbelt BISCO



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08/19/2020	LA3M33	0300263462	Genie 80' Manlift	Deutz, KDZXL02.9020,	74	4	Sunbelt BISCO
				TD2.9L4, 2.9L, SN: 12368578			
08/19/2020	GJ7H96	S85XCH-1749	Genie 80' Manlift	Deutz, KDZXL02.9020, TD2.9L4, 2.9L, SN: 12359930	74	4	Sunbelt BISCO
09/08/2020	VP9E67	JCB5CH2GJG2435628	JCB 12K Lull	JCB, GJCBL04.4S09 2.9, SN: SJ320/40919	109	4	Sunbelt BISCO
09/20/2020	FF8U93	10167	Liebherr 956 WLC	Liebherr, HLHAL12.0SQC. D946, SN: 2017 04 2818	326	4	BISCO
09/23/2020	XU6N58	2577075	JCB 6K Forklift	JCB, HJCBL04.4TA5 2.9, SN: SJ320/40925U1890 317	74	4	Sunbelt Pullman





<u>Attachment A</u> Air Quality Control Checklists

Date: 1/11/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route	YES	Gate #3 is the designated rout of entry for project.
Construction entrance	chosen indicated on Site Map and note rationale for change		Paved road
Unpaved roads and disturbed areas in project and lavdown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station Property	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/11/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

projectsite: Definition of Areas	Requirement	
Identify Area	200 fast beyond the contacting of the construction of linear	
Identify Area	within 100 foot upwind of any regularly occupied structures	······································
identijy	within 100 reet upwind of any regularly occupied structures	
Identijy distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. Step 3: If Steps 1 and 2 fault to result in effective		
letermination, the AQCMM or AQCMM Delegate hall direct a temporary shutdown of the activity ausing the emissions. ¹	TEC COC AO SCA within E0 fact unwind of the LE frequency	
Area Affected / Source	No truck or Dirt traffic	Date / Time Identified
Step 1: Inmediately 7235 the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Mitigation Measure Implemented:	Time Implemented / Notes
methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

_AQCMP or designee signature: Tommy Brister

Date: 1/11/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel beauty construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
W 14	Other Reductions:	N/A	
emissions			

Date: 1/12/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements			
Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the

graveled surfaces - Note Routes on Site Figure Map

Disturbed areas Demolition Haul Trucks -Within the Encina Power Station Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/12/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

projectsite: Definition of Areas	Requirement	
Identify Area	200 feet bound the conterline of the construction of linear	
identify Area	200 feet beyond the centerline of the construction of mean	· · · · · · · · · · · · · · · · · · ·
laentify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:		
	Mitigation Measure	Time Implemented / Notes
	Implemented:	
Step 1: Within 15 minutes of making such a		
jetermination, require more intensive application of		
existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination		
apply additional measures such as application of soil		
apply additional measures such as application of son		
stabilizers, visqueen, or a geotech fabric.		
step 3: If Steps 1 and 2 fail to result in effective		
nitigation within 1 nour of the original		
determination, the AQCMIM or AQCIVIN Delegate		
shall direct a temporary shutdown of the activity		
causing the emissions.		· · · · · · · · · · · · · · · · · · ·
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected Lisource the activities causing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is	Mitigation Measure	Time Implemented / Notes
occurring to drivers on I-5. Direct more intensive	Implemented:	
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to drivers		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in offective mitigation ²		
o result in enective mitigation.		

_AQCMP or designee signature: Tommy Brister

Date: 1/12/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
		NEC.	m
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	l ags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/13/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area	Affected	:

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site concitions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/13/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

projectsite: Definition of Areas	Requirement	
Identify Area	200 feet beyond the centerline of the construction of linear	
ldentify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with C	CEC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:		
	Mitigation Measure	Time Implemented / Notes
	Implemented:	
Step 1: Within 15 minutes of making such a		
determination, require more intensive application of		
existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination		
apply additional measures such as application of soil		
stabilizers visqueen or a gentech fabric		
table stable store 1 and (table society a attestive		
mitigation within 1 hour of the original		
determination the AOCMM or AOCMM Delegate		
the provide the second of the activity		
causing the emissions.		
Area Affected (Source)	EC COC AQ-SC4 within 50 feet upwind of the I-S freeway	Dete (Time Identified)
ALEA ATTACERS 1617 OULCE the activities causing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is	Mitigation Measure	Time Implemented / Notes
occurring to drivers on I-5. Direct more intensive	Implemented:	
application of the existing mitigation methods	×	
mmediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of	*	
visibility to drivers.		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in effective mitigation. ²		

_AQCMP or designee signature: Tommy Brister

Date: 1/13/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	l'ags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/14/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area	Affected:	

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Payed road
Unpaved roads and disturbed areas in project and lavdown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/14/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

projectsite: Definition of Areas	Requirement	
Identify Area	200 feet beyond the centerline of the construction of linear	
ldentify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:		
	Mitigation Measure	Time Implemented / Notes
	Implemented:	
	implemented.	
Step 1: Within 15 minutes of making such a		
determination, require more intensive application of		
existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination,		
apply additional measures such as application of soil		
stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective		
mitigation within 1 hour of the original		
determination, the AQCMM or AQCMM Delegate		
shall direct a temporary shutdown of the activity		
causing the emissions. ¹		
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected (Source the activities causing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is	Mitigation Measure	Time Implemented / Notes
occurring to drivers on I-5. Direct more intensive	Implemented:	1 • 5 6 6 0 1 6 • 1 3 660
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of L5 but are not causing obscuration of		
visibility to driver		
Step 2: Direct implementation of additional		and the second
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Stop 2 specified above fails		
causing the emissions in step 2 specified above falls		
to result in effective mitigation.		

_AQCMP or designee signature: Tommy Brister

Date: 1/14/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related		1.50	
emissions	Other Reductions:	N/A	

Date: 1/15/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/15/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

projectsite: Definition of Areas	Requirement	
Identify Area	200 fast beyond the centerline of the construction of linear	
Identify Area	within 100 feet upwind of any regularly accuried structures	· · · · · · · · · · · · · · · · · · ·
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the -5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:		
	Mitigation Measure	Time Implemented / Notes
	Implemented:	
and the second		
Step 1: Within 15 minutes of making such a		
determination, require more intensive application of		
existing method - such as additional soil wetting		
Sten 2: If Sten 1 fails to result in adequate mitigation		
within 30 minutes of the original determination		
apply additional measures such as application of soil		
stabilizers wisqueen er a gestach fabrie		
Stabilizers, visqueen, or a geotech labric.		
mitigation within 1 hour of the original		
determination the AOCMM or AOCMM Delegate		
shall direct a temporary shutdow p of the activity		
causing the emissions.		1
Reduce visible dust plumes to comply with C	Let COC AQ-SC4 within 50 feet upwind of the I-5 freeway	Data / Time Ide at/Gad
Aler Aller Black Cease the activities causing the		Date / Time Identified:
visible dust plumes if any obscuration of visibility is	Mitigation Measure	Time Implemented / Notes
occurring to drivers on I-5. Direct more intensive	Implemented:	
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to arivers.		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in effective mitigation. ²		

_AQCMP or designee signature: Tommy Brister

Date: 1/15/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	l'ags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/16/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and lavdown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at current time
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/16/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the

Specific Location / Area:

Identify Area 200 feet beyond the centerline of the construction of linear Identify distance / S0 feet upwind of any regularly occupied structures Identify distance / S0 feet upwind of I-5 Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source: NO Truck / Dirt traffic at current time Date / Time Identified: Time Implemented / Notes Step 1: Within 15 minutes of making such a determination, require more intensive application of eatermination, require more intensive application of adetermination, require more intensive application of soult in adequate mitigation within 30 mutes of the original determination soult estimates and the source of the original determination of the indice. step 1: Within 35 minutes of making such a adequate mitigation within 30 mutes of the original determination of soult stabilizers, visqueen, or a geoteh fabric. Step 2: In Step 1 fails to result in adequate mitigation within 30 mutes of the original determination of the original stabilizers, visqueen, or a geoteh fabric. Step 2: In Step 1 fails to result methods Stabilizers wishe dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Date / Time Identified: Witigation divers on F-5. Direct more intensive application of the existing mitigation within 50 feet upwind of the I-5 freeway Time Implemented / Notes Step 1: Witigation advisors and thin advisors and the soures and thin a source and the source and the	projectsite: Definition of Areas	Requirement	
Identify Area 200 feet beyond the centerline of the construction of linear Identify distance / 50 feet upwind of any regularly occupied structures Identify distance / 50 feet upwind of 1-5 Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source: N0 Truck / Dirt traffic at current time Date / Time Identified: Mitigation Measure Implemented: Time Implemented / Notes Step 1: Within 15 minutes of making such a determination, require more intensive application of solitability is 30 minutes of the original determination, require more intensive application of solitability is 40 minutes of the original determination, apply additional solit wettine stop 2: If Step 1 faits to result in dequate mitigation within 30 minutes of the original determination, apply additional resurces such as application of solitability is different original determination, the AQCMM or AQCMM Delegate ball direct a temporary shutdown of the activity causing the emissions. ¹ No truck or Dirt traffic Date / Time Identified: Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Time Implemented / Notes Reduce visible dust plumes to exomply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Time Implemented / Notes Reduce visible dust plumes are not causing bocuration of visibility is 0 more are not causing bocuration of visibility is 0 mentability is 0 more are not causing bocur			
Identify within 100 feet upwind of any regularly occupied structures Identify 05 feet upwind of 1-5 Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 Date / Time Identified: No Truck / Dirt traffic at current time Date / Time Identified: Mitigation Measure Implemented: Time Implemented / Notes Step 1: Within 15 minutes of making such a determination, require more intensive application of easisting method - such as additional soil withing mitigation withing of minutes of the original determination, apply additional seaves such as application of soil stabilizers, siquene, or a geotech fabric. Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, the AQCMM or AQCMM Delegate hall direct a temporary shutdown of the activity current or visibility is fullowing to diversions. ¹ No truck or Dirt traffic Date / Time Identified: Witable dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Adep.Affictstable.activity causing the evisition of visibility is fullowing to diversions. ³ Mitigation Measure Seq 2: Urset in any caracterion of visibility is diversions. ³ No truck or Dirt traffic Date / Time Identified: Witable dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Time Implemented / Notes Time Implemented / Notes Security	Identify Area	200 feet beyond the centerline of the construction of linear	
Identify distance / 50 feet upwind of 1-5 Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the 1-5 Treeway Area Affected / Source: N0 Truck / Dirt traffic at current time Date / Time Identified: Mitigation Measure Implemented / Notes Implemented : Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soll wetting. Time Implemented / Notes Step 1: Within 15 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. Step 2: If Step 1 fails to result in adequate mitigation within 50 feet upwind of the 1-5 freeway Address Hild direct a temporary shutdown of the activity causing the emissions. ¹ No truck or Dirt traffic Date / Time Identified: wisble dust plumes it any obscuration of visibility is operation of the visible dust plumes it any obscuration of visibility is programmer intensive application of soil subilization within 50 feet upwind of the existing mitigation within 50 feet upwind of the existing mitigation within 50 feet upwind of the existing mitigation are intensive application of soil subilization (additional source) Time Implemented / Notes Step 2: Procent integrame within 50 feet upwind of the 1-5 freeway Mitigation Measure Time Implemented / Notes Step 4: Step	!dentify	within 100 feet upwind of any regularly occupied structures	
Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway) Area Affected / Source: NO Truck / Dirt traffic at current time Date / Time Identified:	Identify distance /	50 feet upwind of I-5	
freeway) Area Affected / Source: ND Truck / Dirt traffic at current time Date / Time Identified: Mitigation Measure Implemented: Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional solil wetting. Time Implemented / Notes Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional solil wetting. Implemented: Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stalilizers, signed at the rective mitigation within 30 minutes of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ No truck or Dirt traffic Date / Time Identified: Withile dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway No truck or Dirt traffic Date / Time Identified: visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Time Implemented / Notes Implemented: source if no viscuration of visibility of views on I-5. Direct more intensive application of the sisting mitigation methods implemented: No truck or Dirt traffic Date / Time Identified: within 50 feet or I-5 but are not causing obscuration of visibility of views. Step 2: Direct more intensive application is effective. Step 2: Direct more intensive application is effective. St	Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	eet upwind of the I-5
Date / Time Identified: Mitigation Measure Implemented: Time Implemented / Notes Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting Implemented Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, viguouen, or age other habric. Implemented Step 2: If Step 1 fails to result in electrive mitigation within 10 minutes of the original determination, the AQCMM or 4QCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Implemented Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Implemented / Notes No truck or Dirt traffic Date / Time Identified: Visible dust plumes is no obscuration of visibility is application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of size 2: Direct more intension set visibe for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: Direct more intensive set p 3: Direct a temporary shutdown of the activity causing the emissions i ²	freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
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Implemented: Implemented: Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soli wetting Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. Step 3: If Step 1 and ZTant Or result in effective mitigation within 1 hour of the original determination, AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Acge Affected. SPUCEFin.a activities causing the Visible dust plumes if any obscuration of visibility is occurring to drivers on 1-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of 1-5 but are not causing obscuration of stability to forers. Step 2: Direct more intensive additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 3: Direct a temporary shutdown of the activity causing the emission. ² Step 4: Direct interminementation. ² Step 4: Direct interminementation. ² Step 5: Direct a temporary shutdown of the activity causing the emission. ² Step 5: Direct a temporary shutdown of the activity causing the emission. ² Step 5: Direct a temporary shutdown of the activity causing the emission. ² Step 5: Direct a temporary shutdown of the activity causing the emission. ² Step 5: Dire		Mitigation Measure	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. Step 3: TI Step 3 and 2 ratio result in meterwe mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Adepa Affected LipoutSci he activities causing the application of the visible full plumes are seen within 50 feet of 1-5 but are not causing obscuration of visibility to drivers. Step 2: Direct more intensive application of red dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emission if Step 2 specified above fails to result in effective mitteaino. ²		Implemented	time implemented / notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visueen, or a geotech fabric. Step 3: in Step 1 and Znall To result in metertwe mitigation within 1 hour of the original determination, the AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Reparation of visibility is causing the missions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Reparation of visibility is causing the mission of visibility is causing the emission of visibility of the visible dust plumes is any obscuration of visibility and the activities causing the emission of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of adoitional mitigation is stability to drivers. Step 3: Direct a temporary shutdown of the activity causing the emission. ¹ file dust suppression and monitor the start-up and/or continuation of the activity causing the emission of the causing activities to ensure that the additional mitigation is determined.		Implemented.	
determination, require more intensive application of existing method - such as additional soil wetting step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. step 3: If Yieps 1 and 7 rain to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Atep: AffectMd_LispQUISE:he.activities causing the visible dust plumes if any obscuration of visibility is cocurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 bure a not causing obscuration of visibility to drivers. Step 2: Direct any plementation or additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emission 3 ¹ Stup 2 ² bureft we thire at the additional mitigation is step 2: Direct temporary shutdown of the activity causing the emission of Step 2 specified above fails to result in effective mitigation. ²	Step 1: Within 15 minutes of making such a		
existing method - such as additional soil wetting	determination, require more intensive application of		
Step 2: if Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric. Step 3: if Step 1 and Zrant to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall dret a temporary shutdown of the activity causing the emissions. ¹ Image: Control of the original determination, apply addition of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the 1-5 freeway Image: Coc AQ-SC4 within 50 feet upwind of the 1-5 freeway Atspa fifter.std1.stp0://stp1.stp1.stp1.stp1.stp1.stp1.stp1.stp1.	existing method - such as additional soil wetting		
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Step 3: If St	stabilizers, visqueen, or a geotech fabric.		
mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Atep Affected Apport of visibility is visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers. Step 2: Direct implementation or adoitional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	Step 3: If Steps 1 and 2 fail to result in effective		
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shall direct a temporary shutdown of the activity causing the emissions. ¹ Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway Area Affinctad Lipport in a transfer of the second	determination, the AQCMM or AQCMM Delegate		
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Area Affected / Source: he activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on 1-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of 1-5 but are not causing obscuration of visibility to drivers.Mitigation Measure Implemented:Time Implemented / NotesStep 2: Direct implementation of adoitional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.Step 2: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ² Step 2: Direct mitigation. ²	Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
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Step 2: Direct at the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	feet of I-5 but are not causing obscuration of		
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start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	methods for dust suppression and monitor the		
activities to ensure that the additional mitigation is effective. Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	start-up and/or continuation of the dust causing		
effective. Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	activities to ensure that the additional mitigation is		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	effective.		
causing the emissions if Step 2 specified above fails to result in effective mitigation. ²	Step 3: Direct a temporary shutdown of the activity		
to result in effective mitigation. ²	causing the emissions if Step 2 specified above fails		
	to result in effective mitigation. ²		

AQCMP or designee signature: Tommy Brister

Date: 1/16/2021

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
		VES	
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	l ags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

AQCMP or designee name:	Timothy Sisk	AQCMP or designee signature:
Date:	1/18/21	
Air Quality Construction Mitigation N	lanager or Designee to Complete Checklist Daily	TRS

On Going Requirements

Implemented Area Affected: **Requirement:** (Y/N): Notes: Construction site entrance and Travel through Post visible speed limit signs of a maximum of 10 MPH for unpaved the site areas - identify location of signs in Site Figure Map Inspected and washed as necessary to clean off dirt prior to leaving V **Construction Eq Vehicle tires** site Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change Construction entrance Water areas to limit visible dust. If watering is required note Unpaved roads and disturbed areas in project frequency and time in notes section of checklist and laydown area Construction areas adjacent to any paved Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map roadways Gravel ramps min 20 ft in length - identify location in Site Figure Tire washing / cleaning station Map At all exit locations: Gravel or treated to prevent track-out - identify Unpaved Exits material and location in Site Figure Map Swept at least twice daily (or less during periods of precipitation **Paved Areas** during active days of construction) 500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active construction Public Roadway existing construction site days or when dirt is visible Bulk transport vehicles with materials that have Cover or wet and load so that the trucks have at least 2 feet of potential to cause visible emissions on public freeboard Covered or treated with dust suppressants, and vehicle access will NIA Storage areas unactive for more than 10 days be restricted. Install wind erosions control techniques (such as gravel, windbreaks, Construction Areas that may be disturbed and NIA water, chemical dust suppressants, and/or vegetation) until soil is are generating fugitive dust stabilized or permanently covered w/ vegetation. Disturbed areas Re-Vegetated as soon as possible NID Demolition Haul Trucks - Within the Encina Travel limited to paved or graveled surfaces - Note Routes on Site Power Station Property Figure Map

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time,

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas		Requirement	Specific Location / Area:
	Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Issues
	Identify structures	within 100 feet upwind of any regularly occupied structures	
	Identify distance / marker	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:	-	Date / Time Identified:
м	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application or existing method - such as additional soil wetting	F	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions, ¹		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway

Area Affected / Source:		Date / Time Identified:
ř	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	-	
methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. 2		

AQCMP or designee name:	Tim Sisk	AQCMP or designee signature:	TRS
Date:	1/18/21		
Air Quality Construction Mitigation Manager or Designee to Complete	Checklist Daily		

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated	Y	
Confirm all equipment are ARB tagged on both sides and tags are		×1	
visible.	Tags Visible ((7)N):	<u> </u>	
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible 🕅 N):	\vee	
	Equipment Updated	N	
Documentation of acceptable engine tier is on file.	(?)N/NA):	У	
Letter from each equipment owner is one file indicating that	Letters Updated	N/	
equipment is being properly maintained	(§/N/NA):	Y	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited (Y))	Y	
A list of all other actions taken to control diesel construction related		AllA	
emissions	Other Reductions:	N N	

AQCMP or designee name:	Timothy Sişk	AQCMP or designee signature:
Date:	1/19/21	
Air Quality Construction Mitigation Ma	mager or Designee to Complete Checklist Daily	TRS
On Going Requirements		

		Implemented	
Area Affected:	Requirement:	(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved		
the site	areas - identify location of signs in Site Figure Map		
	Inspected and washed as necessary to clean off dirt prior to leaving	NI	
Construction Eq Vehicle tires	site	Υ	
	Enter only through treated entrance roadways as noted on Site Map.		
	Alternative route approved by CPM - If alternative route chosen	V I	
Construction entrance	indicated on Site Map and note rationale for change	1	
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	1	
and laydown area	frequency and time in notes section of checklist	Y I	
Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent	31	
roadways	runoff, note location of measures in Site Figure Map	Y I	
	Gravel ramps min 20 ft in length - identify location in Site Figure	1	
Tire washing / cleaning station	Мар	Y I	
	At all exit locations: Gravel or treated to prevent track-out - identify	N/	
Unpaved Exits	material and location in Site Figure Map	y I	
	Swept at least twice daily (or less during periods of precipitation	i l	
Paved Areas	during active days of construction)	Y I	
	500 feet of public roadway swept visually clean at least twice daily		
	(or less during periods of precipitation) during active construction	\mathcal{M}	
Public Roadway existing construction site	days or when dirt is visible	Y	
Bulk transport vehicles with materials that have	Cover or wet and load so that the trucks have at least 2 feet of	V	
potential to cause visible emissions on public	freeboard	/	
Storage areas upactive for more than 10 days	be restricted	ALCA	
storage areas unactive for more than to days		NIN	
	Install wind prosions control techniques (such as gravel, windbroaks		
Construction Areas that may be disturbed and	water chemical dust suppressants and/or vegetation) until soil is	NA	
are generating fugitive dust	stabilized or permanently covered w/vegetation		
Disturbed areas	Re-Vegetated as soon as possible	AILA	
Demolition Haul Trucks - Within the Encina	Travel limited to paved or graveled surfaces - Note Routes on Site	VI.	
Power Station Property	Figure Map	Y	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails

to result in effective mitigation.²

Definition of Areas	Requirement	Specific Location / Area:
Identi	ify Area 200 feet beyond the centerline of the construction of linear facilities	No Issues
Identify str	ructures within 100 feet upwind of any regularly occupied structures	
Identify distance /	marker 50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Chan 1. Mithin 15 minutes of moling such a		
Istep 1: Within 15 minutes of making such a		
determination, require more intensive application of		
existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination,		
apply additional measures such as application of soil		
stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective		
mitigation within 1 hour of the original		
determination, the AQCMM or AQCMM Delegate		- 2 I
shall direct a temporary shutdown of the activity		
causing the emissions. ¹		
Reduce visible dust plumes to comply with CEC	COC AQ-SC4 within 50 feet upwind of the I-5 freewa	ау
Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the		
visible dust plumes if any obscuration of visibility is		
occurring to drivers on I-5. Direct more intensive		
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to drivers		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		

AQCMP or designee name:

Date:

Tim Sist Higher AQCMP or designee signature:



On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		
Update Equipment Inventory List	(Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are			
visible.	Tags Visible ()/N):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (V)N):		
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):		
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y)N/NA):		
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited (17)N)		
A list of all other actions taken to control diesel construction related			
emissions	Other Reductions:		1× 1

AQCMP or designee name:

Date:

Timothy Sisk

AQCMP or designee signature:

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily On Going Requirements

		Implemented	
Area Affected:	Requirement:	(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	V	
the site	areas - identify location of signs in Site Figure Map		
	Inspected and washed as necessary to clean off dirt prior to leaving	V	
Construction Eq Vehicle tires	site	<u> </u>	
	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen	v	
Construction entrance	indicated on Site Man and note rationale for change	1	
Uppaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note		
and lavdown area	frequency and time in notes section of checklist	V	
Construction areas adjacent to any payed	Provided with sandbags or other measures in SWPPP to prevent		
construction areas adjacent to any paved	runoff note legation of manufactor in Site Figure Man	V	
roadways	runon, note location of measures in site righte Map		
	Gravel ramps min 20 ft in length - identify location in Site Figure	N I	
Tire washing / cleaning station	Мар	<u> </u>	
	At all exit locations: Gravel or treated to prevent track-out - identify	M	
Unpaved Exits	material and location in Site Figure Map	Y	
	Swept at least twice daily (or less during periods of precipitation	N	
Paved Areas	during active days of construction)	7	
	500 feet of public roadway swept visually clean at least twice daily		
	(or less during periods of precipitation) during active construction	N I	
Public Roadway existing construction site	days or when dirt is visible	7	
Bulk transport vehicles with materials that have	Cover or wet and load so that the trucks have at least 2 feet of		
potential to cause visible emissions on public	freeboard	Y I	
	Covered or treated with dust suppressants, and vehicle access will		
Storage areas unactive for more than 10 days	be restricted.	NA	
		*	
	Install wind erosions control techniques (such as gravel, windbreaks,		
Construction Areas that may be disturbed and	water, chemical dust suppressants, and/or vegetation) until soil is		
are generating fugitive dust	stabilized or permanently covered w/ vegetation.	NA	
Disturbed areas	Re-Vegetated as soon as possible	NA	
Demolition Haul Trucks - Within the Encina	Travel limited to paved or graveled surfaces - Note Routes on Site		
Power Station Property	Figure Map	У	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas	Requirement	Specific Location / Area:
Identify Al	ea 200 feet beyond the centerline of the construction of linear facilities	No Issues
Identify structu	es within 100 feet upwind of any regularly occupied structures	
Identify distance / man	rer 50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹		

Reduce visible dust plumes to comply with CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway

Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.		
methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

AQCMP or designee name:

Date:

Tim 5isk 1/20/21 AQCMP or designee signature:



On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		
Update Equipment Inventory List	(Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are	2		
visible.	Tags Visible (2N):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible 🚺/N):		
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(V)N/NA):		
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	Ø /N/NA):		
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited 🔊/N)		
A list of all other actions taken to control diesel construction related		. 1	
emissions	Other Reductions:	NA	

AQCMP o	r designee	name:
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Timothy Sisk

AQCMP or designee signature:

Date:

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily On Going Requirements

-100	
IRS	

		Implemented	
Area Affected:	Requirement:	(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved		
the site	areas - identify location of signs in Site Figure Map		
	Inspected and washed as necessary to clean off dirt prior to leaving	11	
Construction Eq Vehicle tires	site	Y	
	Enter only through treated entrance roadways as noted on Site Map.		
	Alternative route approved by CPM - If alternative route chosen	V I	
Construction entrance	indicated on Site Map and note rationale for change	(
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	N.L	
and laydown area	frequency and time in notes section of checklist	Y	
Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent	5 1	
roadways	runoff, note location of measures in Site Figure Map	Y	
	Gravel ramps min 20 ft in length - identify location in Site Figure		
Tire washing / cleaning station	Мар	Y I	
	At all exit locations: Gravel or treated to prevent track-out - identify	N. 1	
Unpaved Exits	material and location in Site Figure Map	Y	
	Swept at least twice daily (or less during periods of precipitation	V	
Paved Areas	during active days of construction)	Y	
	500 feet of public roadway swept visually clean at least twice daily		
	(or less during periods of precipitation) during active construction		
Public Roadway existing construction site	days or when dirt is visible	(
Bulk transport vehicles with materials that have	Cover or wet and load so that the trucks have at least 2 feet of	V/	
potential to cause visible emissions on public	freeboard	У	
	Covered or treated with dust suppressants, and vehicle access will	AVA	
Storage areas unactive for more than 10 days	be restricted.		
Construction Association and the distance of the	Install wind erosions control techniques (such as gravel, windbreaks,	1)/0	
construction Areas that may be disturbed and	water, chemical dust suppressants, and/or vegetation) until soil is	NIT	
Disturbed areas	stabilized or permanently covered w/ vegetation.	- 11/2	
Demolition Haul Trucks - Within the Engine	Travel limited to haved or graveled surfaces - Note Poutos on Site	NA	
Power Station Property	Figure Man	V	
'ower Station Property	Figure Map	Y	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas		Requirement	Specific Location / Area:
	Identify Area	200 feet beyond the centerline of the construction of linear facilities	No Iscars on Ste
	Identify structures	within 100 feet upwind of any regularly occupied structures	
Ide	ntify distance / marker	50 feet upwind of I-5	

Reduce visible dust plumes to comply with CEC COC AQ-SC4 (with the exception of visible emissions within 50 feet upwind of the I-5 freeway)

Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹		
Reduce visible dust plumes to comply with CEC	COC AQ-SC4 within 50 feet upwind of the I-5 freewa	ay

Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the		
visible dust plumes if any obscuration of visibility is		
occurring to drivers on I-5. Direct more intensive		
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to drivers.	P	
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective,		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in effective mitigation. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

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AQCMP or designee name:

Date:

AQCMP or designee signature:



On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		
Update Equipment Inventory List	(Y/N/NA):		
Confirm all equipment are ARB tagged on both sides and tags are	1 march 1		6
visible.	Tags Visible (M):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (1):		
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):		
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y)N/NA):		
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as	1		
part of normal operation in the notes section of this checklist.	Idling Limited:		
A list of all other actions taken to control diesel construction related			
emissions	Other Reductions:	I NA	}
AQCMP or designee name:	Timothy Sişk	AQCMP or designee signature:	
---------------------------------------	--	------------------------------	
Date:	162/21		
Air Quality Construction Mitigation M	anager or Designee to Complete Checklist Daily	185	
On Going Requirements			
		Implemented	

		mprementeu	
Area Affected:	Requirement:	(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	N/	
the site	areas - identify location of signs in Site Figure Map	У	
	Inspected and washed as necessary to clean off dirt prior to leaving	1	
Construction Eq Vehicle tires	site	Y	
	Enter only through treated entrance roadways as noted on Site Map.	\mathbf{x}	
	Alternative route approved by CPM - If alternative route chosen	Y I	
Construction entrance	indicated on Site Map and note rationale for change	č	
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	1)	
and laydown area	frequency and time in notes section of checklist	4	
Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent	. 1	
roadways	runoff, note location of measures in Site Figure Map	Y	
	Gravel ramps min 20 ft in length - identify location in Site Figure	51	
Tire washing / cleaning station	Мар	y	
	At all exit locations: Gravel or treated to prevent track-out - identify	$\overline{\mathbf{N}}$	
Unpaved Exits	material and location in Site Figure Map	Y	
	Swept at least twice daily (or less during periods of precipitation	N/	
Paved Areas	during active days of construction)	Y	
	500 feet of public roadway swept visually clean at least twice daily	× 1	
	(or less during periods of precipitation) during active construction		
Public Roadway existing construction site	days or when dirt is visible		
Bulk transport vehicles with materials that have	e Cover or wet and load so that the trucks have at least 2 feet of	1	
potential to cause visible emissions on public	freeboard	Y.	
	Covered or treated with dust suppressants, and vehicle access will	120	
Storage areas unactive for more than 10 days	be restricted.	NH	
		0	
	Install wind erosions control techniques (such as gravel, windbreaks,	1	
Construction Areas that may be disturbed and	water, chemical dust suppressants, and/or vegetation) until soil is	NA	
are generating fugitive dust	stabilized or permanently covered w/ vegetation.		
Disturbed areas	Re-Vegetated as soon as possible	NA	
Demolition Haul Trucks - Within the Encina	Travel limited to paved or graveled surfaces - Note Routes on Site	N	
Power Station Property	Figure Map	y	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time,

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

causing the emissions if Step 2 specified above fails

to result in effective mitigation.²

Definition of Areas	Requirement	Specific Location / Area:
		NT ACI
Identify Area	200 feet beyond the centerline of the construction of linear facilities	MD Lesuis Un Site
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	
Reduce visible dust plumes to comply with CEO	COC AQ-SC4 (with the exception of visible emissions within 50 feet i	upwind of the I-5 freeway)
Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a		
determination, require more intensive application of		
existing method - such as additional soil wetting		
Stop 2: If Stop 1 fails to result in adequate mitigation		
within 30 minutes of the original determination		
apply additional measures such as application of sail		
stabilizers, visqueen, or a geotech fabric		
Step 3: If Steps 1 and 2 fail to result in effective		
mitigation within 1 hour of the original		5-
determination, the AOCMM or AOCMM Delegate		
shall direct a temporary shutdown of the activity		
causing the emissions. ¹		
Reduce visible dust plumes to comply with CEC	COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the		
visible dust plumes if any obscuration of visibility is		
occurring to drivers on I-5. Direct more intensive		
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to drivers.		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		

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mbisk

1/22/21

AQCMP or designee name:

Date:

AQCMP or designee signature:



Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible 🔊:		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible		
Documentation of acceptable engine tier is on file.	Equipment Updated		
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated		
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	NA	

AQCMP or designee name:	Timothy Sisk	AQCMP or designee	signature:
Date:	1/23/21		1
Air Quality Construction Mitigation Manager o	r Designee to Complete Checklist Daily		THES
On Going Requirements	15 I I I I I I I I I I I I I I I I I I I		1
		Implemented	
Area Affected:	Requirement:	(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved		
the site	areas - identify location of signs in Site Figure Map	Y	
	Inspected and washed as necessary to clean off dirt prior to leaving	N.	
Construction Eq Vehicle tires	site	y y	
	Enter only through treated entrance roadways as noted on Site Map.	Χ.	
	Alternative route approved by CPM - If alternative route chosen	Y Y	
Construction entrance	indicated on Site Map and note rationale for change	. C.	
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note		
and laydown area	frequency and time in notes section of checklist		
Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent		
roadways	runoff, note location of measures in Site Figure Map	Y Y	
	Gravel ramps min 20 ft in length - identify location in Site Figure	Ň	
Tire washing / cleaning station	Мар	ГУ	
	At all exit locations: Gravel or treated to prevent track-out - identify	. 1	
Unpaved Exits	material and location in Site Figure Map	Y	
	Swept at least twice daily (or less during periods of precipitation	× 1	
Paved Areas	during active days of construction)	y y	
	500 feet of public roadway swept visually clean at least twice daily		
	(or less during periods of precipitation) during active construction		
Public Roadway existing construction site	days or when dirt is visible		5
Bulk transport vehicles with materials that have	Cover or wet and load so that the trucks have at least 2 feet of	1/	
potential to cause visible emissions on public	freeboard	Y	
	Covered or treated with dust suppressants, and vehicle access will	120	
Storage areas unactive for more than 10 days	be restricted.	NA	
		-	
	Install wind erosions control techniques (such as gravel, windbreaks,	1)0	
Construction Areas that may be disturbed and	water, chemical dust suppressants, and/or vegetation) until soil is	N/X	
are generating fugitive dust	stabilized or permanently covered w/ vegetation.	1	
Disturbed areas	Re-Vegetated as soon as possible	NA	
Demolition Haul Trucks - Within the Encina	Travel limited to paved or graveled surfaces - Note Routes on Site	J	
Power Station Property	Figure Map	7	

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

2 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes that could impact visibility on I-5 will not occur upon restarting the activity that caused the shut-down.

Date: Monitoring for Visible Dust Plumes with the potential to be transported off the project site:

Definition of Areas	Requirement	Specific Location / Area:
		17-1-
Identify Area	200 feet beyond the centerline of the construction of linear facilities	LO LSSUL
Identify structures	within 100 feet upwind of any regularly occupied structures	
Identify distance / marker	50 feet upwind of I-5	
Reduce visible dust plumes to comply with CEC	COC AQ-SC4 (with the exception of visible emissions within 50 feet i	upwind of the I-5 freeway)
Area Affected / Source:		Date / Time Identified:
	Mitigation Measure Implemented:	Time Implemented / Notes
Stop 1: Within 15 minutes of making such a		
determination, require more intensive application of		
evicting method, such as additional soil wetting		
existing method - such as additional soli wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination,		
apply additional measures such as application of soil		
stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 fail to result in effective		
mitigation within 1 hour of the original		
determination, the AQCMM or AQCMM Delegate		
shall direct a temporary shutdown of the activity		
causing the emissions. ¹		
Reduce visible dust plumes to comply with CEC	COC AQ-SC4 within 50 feet upwind of the I-5 freeway	h
Area Affected / Source:		Date / Time Identified:
· · · · · · · · · · · · · · · · · · ·	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Immediately cease the activities causing the		
visible dust plumes if any obscuration of visibility is		
occurring to drivers on L5. Direct more intensive		
application of the existing mitigation methods		
immediately if the visible plumes are seen within 50		
feet of I-5 but are not causing obscuration of		
visibility to drivers		
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in effective mitigation. ²		

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project

AQCMP or designee name:	Tim Sisk,	AQCMP or designee signature:	TRS
Date:	1/23/21		
Air Quality Construction Mitigation Manager or Designee to Complete	e Checklist Daily		

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
Update Equipment Inventory List	Equipment Updated		
Confirm all equipment are ARB tagged on both sides and tags are visible.	Tags Visible (201):		
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):		
Documentation of acceptable engine tier is on file.	Equipment Updated		
Letter from each equipment owner is one file indicating that equipment is being properly maintained	Letters Updated		
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:		
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	DA	

Date: <u>1/25/2021</u>

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is variou areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Payed road
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	NA	No dirt traffic at
and laydown area Construction areas adjacent to any paved roadways	frequency and time in notes section of checklist Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	current time
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/25/2021

Monitoring for Visible Dust Plumes with the potential to be transported off the projectsite: Definition of Areas		Specific Location / Area:	
		· · · · · · · · · · · · · · · · · · ·	
Identify Area	200 feet beyond the centerline of the construction of linear		
Identify	within 100 feet upwind of any regularly occupied structures		
Identify distance /	50 feet upwind of I-5		
Reduce visible dust plumes to comply with (EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5	
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time		
Date / Time Identified:			
	Mitigation Measure Implemented:	Time Implemented / Notes	
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting	5		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.			
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹			
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected L Source the activities causing the	No truck or Dirt traffic	Date / Time Identified:	
visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Mitigation Measure Implemented:	Time Implemented / Notes	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.			
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²			

_AQCMP or designee signature: Tommy Brister

Date: 1/25/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/26/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Payed road
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	NA	No dirt traffic at
and laydown area Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	current time
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks -	Re-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the
Within the Encina Power Station	graveled surfaces - Note Routes on Site Figure Map		

Property

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/26/2021

Monitoring for Visible Dust Plumes with the	potential to be transported off the	Specific Location / Area:
projectsite. Definition of Areas	Kequirement	
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of 1-5	
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:		
	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.		
Step 3: If Steps 1 and 2 rail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹		
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected LSource the activities causing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of wisibility to driver.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 2: Direct implementation or additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

_AQCMP or designee signature: Tommy Brister

Date: 1/26/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/27/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Post visible speed limit signs of a maximum of 10 MPH for inpaved nspected and washed as necessary to clean off dirt prior to	(Y/N): YES	Notes: Signs posted is variou
Post visible speed limit signs of a maximum of 10 MPH for inpaved inspected and washed as necessary to clean off dirt prior to	YES	Signs posted is variou
nspected and washed as necessary to clean off dirt prior to		areas
caving	NA	No Dirt traffic at
inter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route hosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Vater areas to limit visible dust. If watering is required note requency and time in notes section of checklist	NA	No dirt traffic at current time
provided with sandbags or other measures in SWPPP to prevent unoff, note location of measures in Site Figure Map	YES	
Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at current time
at all exit locations: Gravel or treated to prevent track-out - dentify	YES	Rumble plate put in place
wept at least twice daily (or less during periods of precipitation luring active days of construction)	YES	Is being completed twice a day
00 feet of public roadway swept visually clean at least twice laily or less during periods of precipitation) during active	YES	No dirt traffic at current time
Cover or wet and load so that the trucks have at least 2 feet of reeboard	NA	No truck traffic at current time
Covered or treated with dust suppressants, and vehicle access vill be restricted.	N/A	
nstall wind erosions control techniques (such as gravel, vindbreaks, water, chemical dust suppressants, and/or egetation) until soil is stabilized or permanently covered w/ egetation.	NA	No truck traffic at current time
e-Vegetated as soon as possible Travel limited to paved or	YES	No dirt traffic at the
	Iter only through treated entrance roadways as noted on Site ap. Alternative route approved by CPM - If alternative route iosen indicated on Site Map and note rationale for change ater areas to limit visible dust. If watering is required note equency and time in notes section of checklist ovided with sandbags or other measures in SWPPP to prevent noff, note location of measures in Site Figure Map ravel ramps min 20 ft in length - identify location in Site Figure ap : all exit locations: Gravel or treated to prevent track-out - entify vept at least twice daily (or less during periods of precipitation iring active days of construction) 00 feet of public roadway swept visually clean at least twice ailly r less during periods of precipitation) during active over or wet and load so that the trucks have at least 2 feet of eeboard overed or treated with dust suppressants, and vehicle access ill be restricted. stall wind erosions control techniques (such as gravel, indbreaks, water, chemical dust suppressants, and/or getation) until soil is stabilized or permanently covered w/ egetation. e-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	Iter only through treated entrance roadways as noted on Site YES ap. Alternative route approved by CPM - If alternative route iosen indicated on Site Map and note rationale for change ater areas to limit visible dust. If watering is required note NA equency and time in notes section of checklist NA ovided with sandbags or other measures in SWPPP to prevent YES noff, note location of measures in Site Figure Map YES 'avel ramps min 20 ft in length - identify location in Site Figure YES ap. 'avel ramps min 20 ft in length - identify location in Site Figure YES ap. 'avel ramps min 20 ft in length - identify location in Site Figure YES ap. 'avel ramps of construction' YES vept at least twice daily (or less during periods of precipitation pring active days of construction) YES 'illy 'less during periods of precipitation) during active YES vever or wet and load so that the trucks have at least 2 feet of eeboard NA 'vever or wet and load so that the trucks have at least 2 feet of eeboard N/A ill be restricted. NA 'egetation) until soil is stabilized or permanently covered w/ getation. 'YES 'egetation. 'YES 'egeta

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/27/2021

Monitoring for Visible Dust Plumes with the	e potential to be transported off the	Specific Location / Area:
projectsite: Definition of Areas	Requirement	
Identijy Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with	CEC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application o existing method - such as additional soil wetting	ſ	
Step 2: If Step 1 fails to result in adequate mitigatior within 30 minutes of the original determination, apply additional measures such as application of soi stabilizers, visqueen, or a geotech fabric.	n	
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹		
Reduce visible dust plumes to comply with	CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected / Source the activities rausing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 2: Direct implementation of additional		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		

_AQCMP or designee signature: Tommy Brister

Date: 1/27/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. Note equipment needed to idle longer than 5 min as part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related emissions	Other Reductions:	N/A	

Date: 1/28/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is variou areas
	Inspected and washed as necessary to clean off dirt prior to	NA	No Dirt traffic at
Construction Eq Vehicle tires	leaving		current time
•			Gate #3 is the
	Enter only through treated entrance roadways as noted on Site	YES	designated rout of
	Map. Alternative route approved by CPM - If alternative route		entry for project.
Construction entrance	chosen indicated on Site Map and note rationale for change		Paved road
Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	NA	No dirt traffic at
and laydown area	frequency and time in notes section of checklist		current time
Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent	YES	
roadways	runoff, note location of measures in Site Figure Map		
	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at
Tire washing / cleaning station	Map		current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
	Swept at least twice daily (or less during periods of precipitation	YES	Is being completed
Paved Areas	during active days of construction)		twice a day
	500 feet of public roadway swept visually clean at least twice	YES	No dirt traffic at
Public Roadway existing construction site	daily		current time
	(or less during periods of precipitation) during active		
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
	Install wind erosions control techniques (such as gravel,	NA	No truck traffic at
Construction Areas that may be disturbed	windbreaks, water, chemical dust suppressants, and/or		current time
and are generating fugitive dust	vegetation) until soil is stabilized or permanently covered w/		
	vegetation.		
Disturbed areas Demolition Haul Trucks -	Re-Vegetated as soon as possible Travel limited to paved or	VFS	No dirt traffic at the
Within the Encina Power Station	graveled surfaces - Note Routes on Site Figure Map	123	no une name actile

Property

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/28/2021

Monitoring for Visible Dust Plumes with the	potential to be transported off the	Specific Location / Area:
projectsite: Definition of Areas	Requirement	
11		
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with	CEC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	
Date / Time Identified:	Mitigation Measure Implemented:	Time Implemented / Notes
Step 1: Within 15 minutes of making such a determination, require more intensive application o existing method - such as additional soil wetting	f	
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soi stabilizers, visqueen, or a geotech fabric.		
nitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹		
Reduce visible dust plumes to comply with	CEC COC AQ-SC4 within 50 feet upwind of the I-5 freeway	
Area Affected , Source the activities causing the	No truck or Dirt traffic	Date / Time Identified:
visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Mitigation Measure Implemented:	Time Implemented / Notes
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.		
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²		

_AQCMP or designee signature: Tommy Brister

Date: 1/28/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/29/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Requirement: (Y/N): Notes: Construction site entrance and Travel Post visible speed limit signs of a maximum of 10 MPH for unpaved YES Signs posted is variou areas Construction Eq Vehicle tires Inspected and washed as necessary to clean off dirt prior to leaving NA No Dirt traffic at current time Construction entrance Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change NA No dirt traffic at current time Construction entrance Frequency and time in notex section of checklist Current time Current time Construction areas adjacent to any paved roadways Frequency and time in notecklist No dirt traffic at current time Construction areas adjacent to any paved roadways Gravel ramps min 20 ft in length - identify location in Site Figure Map YES No truck traffic at current time Unpaved Exits At all exit locations: Gravel or treated to prevent track-out - identify YES No truck traffic at current time Paved Areas Supper tall exit vice daily (or less during periods of precipitation) YES No truck traffic at current time Public Roadway existing construction site Figure Map YES No truck traff	Area Affected:		Implemented	
Construction site entrance and Travel unpaved Post visible speed limit signs of a maximum of 10 MPH for unpaved YES Signs posted is varior areas Construction Eq Vehicle tires Inspected and washed as necessary to clean off dirt prior to NA No Dirt traffic at current time Construction Eq Vehicle tires Enter only through treated entrance roadways as noted on Site (Map. Alternative route approved by CPM -I f alternative route chosen indicated on Site Map and note rationale for change Paved road Qate #3 is the designated rout of entry for project. Construction entrance Chosen indicated on Site Map and note rationale for change Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in SWPPP to prevent runoff, note location of measures in SWPPP to prevent runoff, note location of measures in SWPPP to prevent runoff, note locations: Gravel or treated to prevent track-out - upaved Exits YES No truck traffic at current time Unpaved Exits At all exit locations: Gravel or treated to prevent track-out - upated YES No truck traffic at current time Paved Areas Somept at least twice daily (or less during periods of precipitation public YES No truck traffic at current time Storage areas inactive for more than 10 days Cover or wet and load so that the trucks have at least 2 feet of public N/A No truck traffic at current time Storage areas inactive for more than 10 days	Requirement:		(Y/N):	Notes:
Construction Eq Vehicle tiresInspected and washed as necessary to clean off dirt prior to leavingNANo Dirt traffic at current timeConstruction Eq Vehicle tiresEnter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change Paved roadYESdesignated rout of entry for project. Paved roadUnpaved roads and disturbed areas in project construction entranceWater areas to limit visible dust. If watering is required note frequency and time in notes section of checklist roadwaysNANo dirt traffic at current timeConstruction areas adjacent to any paved roadwaysProvided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in SWPP to prevent runoff, note location of measures in Site Figure MapYESNo truck traffic at current timeUnpaved ExitsGravel ramps min 20 ft in length - identify location in Site Figure during active days of construction)YESNo truck traffic at current timePaved AreasGravel ramps min 20 ft in length - identify location in Site Figure during active days of construction)YESNo tirt traffic at current timePaved AreasGravel areas twice daily (or less during periods of precipitation during active days of construction)YESNo dirt traffic at current timeBuk transport vehicles with materials that have potential to cause visible emissions on publicCover or wet and load so that the trucks have at least 2 feet of freeboardNANo truck traffic at current timeStorage areas inactive for more than 10 days<	Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change Unpaved roads and disturbed areas in project. Water areas to limit visible dust. If watering is required note requency and time in notes section of checklist construction areas adjacent to any paved roadwaysGate #3 is the designated rout of entry for project. Paved roadConstruction area construction areas adlaydown area construction areas adjacent to any paved roadwaysFrequency and time in notes section of checklist construction areas adjacent to any paved roadfield with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure MapNo true figure MapTire washing / cleaning stationGravel ramps min 20 ft in length - identify location in Site Figure during active days of construction)No true true figure time figure MapUnpaved ExitsSwept at least twice daily (or less during periods of precipitation during active days of construction)YESNo truck traffic at current timePublic Roadway existing construction site bave potential to cause visible emissions on publicCover or wet and load so that the trucks have at least 2 feet of freeboardNANo truck traffic at current timeStorage areas inactive for more than 10 daysCover or treated with dust suppressants, and vehicle access will be restricted.N/ANo truck traffic at current timeDisturbed areas before publicHat may be disturbed and are generating fugitive dustStorage areas inactive for more than 10 daysCover or treated with dust suppressants, and/or vegetati	Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for changeYESdesignated rout of entry for project. 	•			Gate #3 is the
Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change Unpaved roads and disturbed areas in project. Water areas to limit visible dust. If watering is required note and laydown area frequency and time in notes section of checklist current timeNANo dirt traffic at current timeConstruction areas adjacent to any paved roadwaysProvided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure MapNANo dirt traffic at current timeConstruction areas adjacent to any paved roadwaysGravel ramps min 20 ft in length - identify location in Site Figure MapYESNo truck traffic at current timeUnpaved ExitsGravel ramps min 20 ft in length - identify location in Site Figure MapYESNo truck traffic at current timeUnpaved ExitsSwept at least twice daily (or less during periods of precipitation during active days of construction)YESIs being completed twice a dayPublic Roadway existing construction siteSoo feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active days of construction)NANo truck traffic at current timeStorage areas inactive for more than 10 daysCovered or treated with dust suppressants, and vehicle access will be restricted.N/ANo truck traffic at current timeDisturbed areas Demolition Haul Trucks - Within table bride and are generating fugitive dustRevegetated as soon as possible Travel limited to paveed or vegetation.YESNo dirt traffic at the current time		Enter only through treated entrance roadways as noted on Site	YES	designated rout of
Construction entrance chosen indicated on Site Map and note rationale for change Paved road Unpaved roads and disturbed areas in project Water areas to limit visible dust. If watering is required note and laydown area NA No dirt traffic at current time Construction areas adjacent to any paved roadways Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map YES Tire washing / cleaning station Map Gravel ramps min 20 ft in length - identify location in Site Figure Map YES No truck traffic at current time Unpaved Exits At all exit locations: Gravel or treated to prevent track-out - identify YES No truck traffic at current time Paved Areas Swept at least twice daily (or less during periods of precipitation paved areas YES Is being completed twice a day Storage areas inactive construction site and are generating to cause visible emissions on public Cover or wet and load so that the trucks have at least 2 feet of public roadway existing construction days NA No truck traffic at current time Storage areas inactive for more than 10 days Cover or wet and load so that the trucks have at least gravel, widbreaks, water, chemical dust suppressants, and/or vegetation) NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Withib table fording Dowuse Charles </td <td></td> <td>Map. Alternative route approved by CPM - If alternative route</td> <td></td> <td>entry for project.</td>		Map. Alternative route approved by CPM - If alternative route		entry for project.
Unpaved roads and disturbed areas in project Water areas to limit visible dust. If watering is required note and laydown area NA No dirt traffic at current time Construction areas adjacent to any paved roadways Provided with sandbags or other measures in Site Figure Map YES No truck traffic at current time Tire washing / cleaning station Map Gravel ramps min 20 ft in length - identify location in Site Figure Map YES No truck traffic at current time Unpaved Exits identify Swept at least twice daily (or less during periods of precipitation) YES Is being completed twice a day Public Roadway existing construction site Sovept at least twice daily (or less during periods of precipitation) YES No dirt traffic at current time Bulk transport vehicles with materials that have potential to cause visible emissions on public Cover or wet and load so that the trucks have at least 2 feet of freeboard N/A No truck traffic at current time Construction Areas that may be disturbed and are generating fugitive dust Install wind erosions control techniques (such as gravel, wind) or wegetation, until soil is stabilized or permanently covered w/ vegetation. NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the figure tage to paveed or	Construction entrance	chosen indicated on Site Map and note rationale for change		Paved road
and laydown area frequency and time in notes section of checklist current time Construction areas adjacent to any paved roadways Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map YES Tire washing / cleaning station Gravel ramps min 20 ft in length - identify location in Site Figure Map YES No truck traffic at current time Unpaved Exits At all exit locations: Gravel or treated to prevent track-out - identify YES Rumble plate put in place Paved Areas Swept at least twice daily (or less during periods of precipitation during active days of construction) YES No drit traffic at current time Bulk transport vehicles with materials that have potential to cause visible emissions on public. Cover or wet and load so that the trucks have at least 2 feet of freeboard NA No truck traffic at current time Storage areas inactive for more than 10 days Covered or treated with dust suppressants, and vehicle access will be restricted. N/A No truck traffic at current time Disturbed areas Demolition Haul Trucks - Within the Bridge August Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the Within the portange acces that may be disturbed	Unpaved roads and disturbed areas in project	Water areas to limit visible dust. If watering is required note	NA	No dirt traffic at
Construction areas adjacent to any paved roadways Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map YES Image: State of the state of	and laydown area	frequency and time in notes section of checklist		current time
roadwaysrunoff, note location of measures in Site Figure MapYESTire washing / cleaning stationGravel ramps min 20 ft in length - identify location in Site FigureYESNo truck traffic at current timeUnpaved ExitsAt all exit locations: Gravel or treated to prevent track-out - identifyYESRumble plate put in placePaved AreasSwept at least twice daily (or less during periods of precipitation during active days of construction)YESIs being completed twice a dayPublic Roadway existing construction siteS00 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during activeYESNo dirt traffic at current timeBulk transport vehicles with materials that have potential to cause visible emissions on publicCover or wet and load so that the trucks have at least 2 feet of freeboardNANo truck traffic at current timeStorage areas inactive for more than 10 daysCovered or treated with dust suppressants, and vehicle access will be restricted.N/ANo truck traffic at current timeDisturbed areas Demolition Haul Trucks - Withip the Ericipa Demolition Haul Trucks - we getation.Re-Vegetated as soon as possible road or pressants, and/or vegetation.No dirt traffic at current time	Construction areas adjacent to any paved	Provided with sandbags or other measures in SWPPP to prevent	YES	
Gravel ramps min 20 ft in length - identify location in Site Figure MapYESNo truck traffic at current timeTire washing / cleaning stationAt all exit locations: Gravel or treated to prevent track-out - identifyYESRumble plate put in placeUnpaved ExitsSwept at least twice daily (or less during periods of precipitation during active days of construction)YESIs being completed twice a dayPaved AreasSwept at least twice daily (or less during periods of precipitation during active days of construction)YESIs being completed twice a dayPublic Roadway existing construction site500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during activeYESNo dirt traffic at current timeBulk transport vehicles with materials that have potential to cause visible emissions on publicCover or wet and load so that the trucks have at least 2 feet of freeboardNANo truck traffic at current timeStorage areas inactive for more than 10 daysCovered or treated with dust suppressants, and vehicle access will be restricted.N/ANo truck traffic at current timeOnstruction Areas that may be disturbed and are generating fugitive dustInstall wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation.NANo truck traffic at current timeDisturbed areas Demolition Haul Trucks -Re-Vegetated as soon as possible Travel limited to paved or wronge StationYESNo dirt traffic at the	roadways	runoff, note location of measures in Site Figure Map		
Intervalsing / cleaning station Map Carloin fine At all exit locations: Gravel or treated to prevent track-out - YES Rumble plate put in Unpaved Exits Swept at least twice daily (or less during periods of precipitation YES Is being completed Paved Areas Swept at least twice daily (or less during periods of precipitation YES Is being completed Public Roadway existing construction site 500 feet of public roadway swept visually clean at least twice YES No dirt traffic at Bulk transport vehicles with materials that have potential to cause visible emissions on public Cover or wet and load so that the trucks have at least 2 feet of freeboard NA No truck traffic at current time Storage areas inactive for more than 10 days Covered or treated with dust suppressants, and vehicle access N/A No truck traffic at current time Construction Areas that may be disturbed and are generating fugitive dust Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation. NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the	Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure	YES	No truck traffic at
Paved AreasSwept at least twice daily (or less during periods of precipitation during active days of construction)YESIs being completed twice a dayPublic Roadway existing construction site500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during activeYESNo dirt traffic at current timeBulk transport vehicles with materials that have potential to cause visible emissions on publicCover or wet and load so that the trucks have at least 2 feet of freeboardNANo truck traffic at current timeStorage areas inactive for more than 10 daysCovered or treated with dust suppressants, and vehicle access will be restricted.N/ANo truck traffic at current timeInstall wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.NANo truck traffic at current timeDisturbed areas Demolition Haul Trucks - Within the Eroina Rewer State or within the Eroina Rewer State or with the Eroina Rewer State or with the Eroina Rewer State or within the Eroina Rewer State or weight at traffic at soon as possible Travel limited to paved or weight Eroina Rewer State or weight Eroina Rewer Sta	Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas during active days of construction) twice a day Public Roadway existing construction site 500 feet of public roadway swept visually clean at least twice daily YES No dirt traffic at current time Bulk transport vehicles with materials that have potential to cause visible emissions on public Cover or wet and load so that the trucks have at least 2 feet of freeboard NA No truck traffic at current time Storage areas inactive for more than 10 days Covered or treated with dust suppressants, and vehicle access N/A No truck traffic at current time Construction Areas that may be disturbed and are generating fugitive dust Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation. NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the		Swept at least twice daily (or less during periods of precipitation	YES	Is being completed
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Bulk transport vehicles with materials that have potential to cause visible emissions on public Cover or wet and load so that the trucks have at least 2 feet of freeboard NA No truck traffic at current time Storage areas inactive for more than 10 days Covered or treated with dust suppressants, and vehicle access will be restricted. N/A N/A Construction Areas that may be disturbed and are generating fugitive dust Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation. NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the	Public Roadway existing construction site	daily (or less during periods of precipitation) during active	YES	current time
Storage areas inactive for more than 10 days Covered or treated with dust suppressants, and vehicle access N/A Storage areas inactive for more than 10 days Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation. NA No truck traffic at current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the	Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Construction Areas that may be disturbed and are generating fugitive dustInstall wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.NANo truck traffic at current timeDisturbed areas Demolition Haul Trucks - Within the Encine RevegetationRe-Vegetated as soon as possible Travel limited to paved or 	Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation. current time Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or Within the Encine Revues Station YES No dirt traffic at the		Install wind erosions control techniques (such as gravel,	NA	No truck traffic at
and are generating fugitive dust vegetation) until soil is stabilized or permanently covered w/ vegetation. Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the	Construction Areas that may be disturbed	windbreaks, water, chemical dust suppressants, and/or		current time
Disturbed areas Demolition Haul Trucks - Re-Vegetated as soon as possible Travel limited to paved or YES No dirt traffic at the Within the Encine Deword Station	and are generating fugitive dust	vegetation) until soil is stabilized or permanently covered w/		
Within the Engine Device Station graveled surfaces. Note Poutes on Site Figure Man	Disturbed areas Domelition Haul Trucks	Performance and the second sec	100	
VERY AND A CONTRACTOR A	Within the Encina Power Station	graveled surfaces - Note Boutes on Site Figure Man	YES	No dirt traffic at the

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/29/2021

Monitoring for Visible Dust Plumes with the	potential to be transported off the	Specific Location / Area:
projectsite: Definition of Areas	Requirement	
Identify Area	200 feet beyond the centerline of the construction of linear	
Identify	within 100 feet upwind of any regularly occupied structures	
Identify distance /	50 feet upwind of I-5	
Reduce visible dust plumes to comply with	CEC COC AQ-SC4 (with the exception of visible emissions within 50	feet upwind of the I-5
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time	4
Date / Time Identified:		
	Mitigation Measure	Time Implemented / Notes
	Implemented:	oversenverent sensen en gester successi sonteritationen um exemplear kasteren
		kan a sa s
Step 1: Within 15 minutes of making such a		
determination, require more intensive application o	f	
existing method - such as additional soil wetting		
Step 2: If Step 1 fails to result in adequate mitigation		
within 30 minutes of the original determination		
apply additional measures such as application of soi		
stabilizers visqueen or a geotech fabric		
step 5: If Steps) and 2 fail to result in effective		
mitigation within 1 hour of the original		
determination, the AOCMM or AOCMM Delegate		
shall direct a temporary shutdown of the activity		
causing the emissions ¹		
Reduce visible dust plumes to comply with (CEC COC AO-SC4 within 50 feet unwind of the I-5 freeway	
Area Affected / Source:	No truck or Dirt traffic	Date / Time Identified:
step 1. Immediately cease the activities causing the	Mitigation Measure	Time Implemented / Netec
visible dust plumes if any obscuration of visibility is		time implemented / Notes
occurring to drivers on I-5. Direct more intensive	Implemented:	
application of the existing mitigation methods		
Immediately if the visible plumes are seen within 50		
reet of 1-5 but are not causing obscuration of		
visibility to artivers.		
methods for dust suppression and monitor the		
start-up and/or continuation of the dust causing		
activities to ensure that the additional mitigation is		
effective.		
Step 3: Direct a temporary shutdown of the activity		
causing the emissions if Step 2 specified above fails		
to result in effective mitigation ²		
to result in effective finitigation.	1	

_AQCMP or designee signature: Tommy Brister

Date: 1/29/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	Tags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from		1	
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Date: 1/30/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

Going Requirements

Area Affected:		Implemented	
Requirement:		(Y/N):	Notes:
Construction site entrance and Travel through	Post visible speed limit signs of a maximum of 10 MPH for unpaved	YES	Signs posted is various areas
Construction Eq Vehicle tires	Inspected and washed as necessary to clean off dirt prior to leaving	NA	No Dirt traffic at current time
Construction entrance	Enter only through treated entrance roadways as noted on Site Map. Alternative route approved by CPM - If alternative route chosen indicated on Site Map and note rationale for change	YES	Gate #3 is the designated rout of entry for project. Paved road
Unpaved roads and disturbed areas in project and laydown area	Water areas to limit visible dust. If watering is required note frequency and time in notes section of checklist	NA	No dirt traffic at
Construction areas adjacent to any paved roadways	Provided with sandbags or other measures in SWPPP to prevent runoff, note location of measures in Site Figure Map	YES	
Tire washing / cleaning station	Gravel ramps min 20 ft in length - identify location in Site Figure Map	YES	No truck traffic at current time
Unpaved Exits	At all exit locations: Gravel or treated to prevent track-out - identify	YES	Rumble plate put in place
Paved Areas	Swept at least twice daily (or less during periods of precipitation during active days of construction)	YES	Is being completed twice a day
Public Roadway existing construction site	500 feet of public roadway swept visually clean at least twice daily (or less during periods of precipitation) during active	YES	No dirt traffic at current time
Bulk transport vehicles with materials that have potential to cause visible emissions on public	Cover or wet and load so that the trucks have at least 2 feet of freeboard	NA	No truck traffic at current time
Storage areas inactive for more than 10 days	Covered or treated with dust suppressants, and vehicle access will be restricted.	N/A	
Construction Areas that may be disturbed and are generating fugitive dust	Install wind erosions control techniques (such as gravel, windbreaks, water, chemical dust suppressants, and/or vegetation) until soil is stabilized or permanently covered w/ vegetation.	NA	No truck traffic at current time
Disturbed areas Demolition Haul Trucks - Within the Encina Power Station	Re-Vegetated as soon as possible Travel limited to paved or graveled surfaces - Note Routes on Site Figure Map	YES	No dirt traffic at the

Property

Air Quality Construction Mitigation Plan for the Carlsbad Energy Center Project,

1 The activity shall not restart until the AQCMM or AQCMM Delegate is satisfied that appropriate additional mitigation or other site conditions have changed so that visual dust plumes will not result upon restarting the activity that caused the shut-down. The owner/operator may appeal to the CPM any directive from the AQCMM or AQCMM Delegate to shut down an activity, provided that the shutdown shall go into effect within one hour of the original determination, unless overruled by the CPM before that time.

Date: 1/30/2021

Monitoring for Visible Dust Plumes with the	Specific Location / Area:		
projectsite: Definition of Areas	Requirement		
Identify Area	200 feet beyond the centerline of the construction of linear		
Identify	within 100 feet upwind of any regularly occupied structures		
Identify distance /	50 feet upwind of I-5		
Reduce visible dust plumes to comply with C	CEC COC AQ-SC4 (with the exception of visible emissions within 50 f	feet upwind of the I-5	
freeway) Area Affected / Source:	NO Truck / Dirt traffic at current time		
Date / Time Identified:	Mitigation Measure Implemented:	Time Implemented / Notes	
Step 1: Within 15 minutes of making such a determination, require more intensive application of existing method - such as additional soil wetting			
Step 2: If Step 1 fails to result in adequate mitigation within 30 minutes of the original determination, apply additional measures such as application of soil stabilizers, visqueen, or a geotech fabric.			
Step 3: If Steps 1 and 2 fail to result in effective mitigation within 1 hour of the original determination, the AQCMM or AQCMM Delegate shall direct a temporary shutdown of the activity causing the emissions. ¹			
Reduce visible dust plumes to comply with C	EC COC AQ-SC4 within 50 feet upwind of the I-5 freeway		
Area Affected, Source the activities causing the	No truck or Dirt traffic	Date / Time Identified:	
visible dust plumes if any obscuration of visibility is occurring to drivers on I-5. Direct more intensive application of the existing mitigation methods immediately if the visible plumes are seen within 50 feet of I-5 but are not causing obscuration of visibility to drivers.	Mitigation Measure Implemented:	Time Implemented / Notes	
Step 2: Direct implementation of additional methods for dust suppression and monitor the start-up and/or continuation of the dust causing activities to ensure that the additional mitigation is effective.			
Step 3: Direct a temporary shutdown of the activity causing the emissions if Step 2 specified above fails to result in effective mitigation. ²			

_AQCMP or designee signature: Tommy Brister

Date: 1/30/2021

Air Quality Construction Mitigation Manager or Designee to Complete Checklist Daily

On Going Diesel Requirements	Checklist Criteria:	Response:	Notes:
	Equipment Updated		Newly arrived equipment is tracked
Update Equipment Inventory List	(Y/N/NA):	YES	
Confirm all equipment are ARB tagged on both sides and tags are			
Visible.	Tags Visible (Y/N):	YES	All equipment coming on site is being tagged
		NEC	T
Make sure CEC approval tag is located on all equipment used onsite	Tags Visible (Y/N):	YES	l'ags are visible
	Equipment Updated		
Documentation of acceptable engine tier is on file.	(Y/N/NA):	YES	
Letter from each equipment owner is one file indicating that	Letters Updated		
equipment is being properly maintained	(Y/N/NA):	YES	
All diesel heavy construction equipment shall not idle for more than 5			
minutes, to the extent practical. Vehicles that need to idle as part of			
their normal operation (such as concrete trucks) are exempted from			
this requirement. Note equipment needed to idle longer than 5 min as			
part of normal operation in the notes section of this checklist.	Idling Limited:(Y/N)	YES	
A list of all other actions taken to control diesel construction related			
	Other Reductions:	N/A	
emissions			

Cabrillo Power I, LLC 4600 Carlsbad Boulevard Carlsbad, CA 92008



Attachment B Diesel Engine Tier and Maintenance Documentation

Brandenburg_®

February 4th, 2021

Project Code: MA0842

NRG-Encina Power Station 4600 Carlsbad Blvd. Carlsbad, Ca. 92008

Attn: Tim Sisk Environmental Manager

Subject: Maintenance and Inspection of Equipment

Dear Mr. Sisk:

This letter confirms that Brandenburg Industrial Services Company performs daily inspection reports when equipment is utilized and performs required maintenance for all on-site equipment. Attached is a current Equipment Log for equipment currently on site.

Please let me know if any further information is required.

Best regards,

Liam J Gampbell

Liam Campbell Brandenburg Industrial Services Co.

DIVISION OFFICE

2217 Spillman Drive Bethlehem, PA 18015-1982 Phone (610) 691-1800 Fax (610) 691-4200

BRANDENBURG INDUSTRIAL SERVICE COMPANY

501 W. Lake Street, Suite 104 | Elmhurst, IL 60126-1419 | Phone (630) 956-7200 | Fax (630) 956-7222
2625 S. Loomis Street | Chicago, IL 60608-5414 | Phone (312) 326-5800 | Fax (312) 326-5055
1 N. Broadway, Stop 670 | Gary, IN 46402-3101 | Phone (219) 881-0200 | Fax (219) 880-4330
200 E. Big Beaver Road | Troy, MI 48083-1208 | Phone (313) 382-2500 | Fax (800) 849-1589
#50 Rivera Aulet Street, Bo. Pueblo Suite 101 | Arecibo, PR 00612 | Phone (787) 650-7171
800 Town & Country Blvd. | Houston, TX 77024-3916 | Phone (832) 431-3287 | Fax (800) 849-1589

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Job Name: NRG Encina PowerStation

Job #: MA0842

Month Ending: January

Equipment Number	Tier 4 Inspection	Description	Equipment Move on	Equipment Move Off	EIN #
41935	Green; #2;	Bobcat	11/11/2019		FP4A83
41936	Green; #3; 11/21/2019	Bobcat S770	11/11/2019		GC4A66
41937	Green; #4; 11/21/2019	Bobcat S770	11/11/2019		YG9P77
673141 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
10206385 (Rental)	N/A	20 ft Scissor Lift	7/14/2020		N/A
37037	N/A	Air Compressor	12/12/2019		N/A
41951	Green; #6; 1/07/2020	Bobcat S770	1/7/2020		JN8S96
41952	Green; #7; 1/07/2020	Bobcat S770	1/7/2020		XY9V35
30426	Green; #8; 1/14/2020	Tennant Sweeper	1/13/2020		VN6P66
436081	N/A	45' Eletric Man Lift	1/16/2020		N/A
10202100	N/A	20' Single Manlift	08/19/2020		N/A
10206593 (Rental)	Green; #17; 7/16/2020	60' Man lift	7/13/2020		UK9P58
10265035 (Rental)	N/A	24' Push Man lift	1/20/2020		N/A
AP5873 (Rental)	N/A	56 KW Diesel Generator	7/28/2020	12/18/2020	1728987 (PERP)
3356-12 (Rental)	Green; #18 /15/2020	12k Lull	7/13/2020	9/8/2020	WH8P44
25225	Green; #13; 02/24/2020	Komatsu WA500 Loader	2/21/2020		BT4G48

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41956	Green; #14; 03/16/2020	Bobcat S770	3/16/2020	7/15/2020	N/A
04075	N/A		3/16/2020		N/A
		Generator			
00981	Green; #14 3/16/2020	Generator	3/16/2020		N/A
10263	Green; #20 7/28/2020	Liebherr 926 Track Excavator	7/27/2020		RP6M67
P1032915 (Rental)	N/A	Water Truck	7/29/2020		N/A
10185986	Green; #23 08/19/2020	80' Manlift	8/19/2020		WP5U33
10131906	Green; #22 08/19/2020	80' Manlift	8/19/2020		LA3M33
10191443	Green; #24 08/20/2020	80' Manlift	8/19/2020		GJ7H96
1018483	Green; #21 08/14/2020	180' Manlift	8/14/2020		KW7Y76
79660	N/A	320 KW Diesel Generator	8/31/2020		PP6408
40919	Green; #25 09/08/2020	12k Lull	9/08/2020		VP9E67
46417	Green; #28 09/27/2020	Liebherr R956 Track Excavator	9/26/2020		XG3J59
45156	Green; #26 09/22/2020	Liebherr R956 Track Excavator	9/21/2020		FF8U93
	N/A	Dump Truck	1/15/2021		N/A
00989	N/A	Doosan G70 Generator	12/14/2020		N/A
30466	N/A	Doosan G70 Generator	12/14/2020		N/A
00271	N/A	60 Kw Generator	1/12/2021		N/A



A Structural Group Company

February 10, 2021

Mr. Jason GaNun - Brandenburg NRG Encina Power Station 4600 Carlsbad Blvd Carlsbad, CA 92008

Subject: Maintenance and Inspection of Equipment for January 2021 Job #549175

Dear Mr. GaNun:

This letter confirms that PULLMAN performs daily inspection reports when equipment is utilized and performs required maintenance for all on-site equipment. Attached is a current Equipment Log for equipment currently on site.

Please let me know if additional information is required.

Best regards,

Joshua Muder, PMP



A Structural Group Company

Job Name: Brandenburg for NRG Encina Power Chimney Demo

Job #: 549175

Month Ending: December 2020

Equipment Number	Tier 4 Inspection	Description	Equipment Move On	Equipment Move Off	EIN #
1056469	Green, #27, 9/28/2020	6K Forklift	9/28/20	-	XU6N58
1058839	N/A	375 CFM Air Compressor	9/28/20	-	178108

*The 375 CFM Air Compressor does not have a Tier 4 Inspection sticker.

ATTACHMENT D

BIO-6 PHASE IV BIOLOGICAL RESOURCES MONTHLY COMPLIANCE REPORT JANUARY 2021

Cabrillo Power I LLC

Biological Resources Monthly Compliance Report (07-AFC-06C) Phase IV – Demolition of Encina Power Station

January 2021 Reporting Period

February 2021

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APP	ENDIX	B - OBSERVED WILDLIFE SPECIES LIST		
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1.0 INTRODUCTION

This Monthly Compliance Report (MCR) summarizes biological resources monitoring activities and documentation conducted during the demolition phase of the Encina Power Station (EPS) from January 1 through January 31, 2021, in accordance with the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

- BIO-2 Designated Biologist Duties
- BIO-4 Designated Biologist and Biological Monitor Authority
- BIO-5 Biological Resources Worker Environmental Awareness Program (WEAP);
- BIO-6 Biological Resources Mitigation Implementation and Monitoring Plan;
- BIO-7 General Impact Avoidance Mitigation Features; and
- BIO-8 Mitigation Management to Avoid Harassment or Harm.

2.0 BIOLOGICAL MONITORING SUMMARY

This section summarizes biological monitoring activities conducted during the January 2021 reporting period. Demolition mobilization began November 2019, and the start of demolition began on January 29, 2020.

Biological monitoring by the Designated Biologist is conducted monthly (one visit every month) outside of the nesting season, since avian activity has decreased throughout the site. The Biological Resources Compliance Monitoring Log is provided in Appendix A. A list of wildlife species observed during the monitoring events is included in Appendix B. Wildlife Observation Forms (WOF) are included in Appendix C.

The frequency and duration of monitoring is dependent upon the biological resources located within, as well as transiting through the work area. Biological monitoring will continue on monthly basis, as well as oncall monitoring, when necessary, until the Designated Biologist determines that a change is necessary for the protection of sensitive biological resources or a reduction in monitoring is warranted because of a lack of biological resources within the site.

All on-site staff receives WEAP training prior to start of work. The hardcopy sign-in training logs are submitted separately.

2.1 NESTING BIRDS

No active nests were observed during the January 2021 reporting period. A list of wildlife species observed during the monitoring events is provided in Appendix B.

2.3 SPECIAL-STATUS SPECIES

Four special-status avian species were observed during the January 2021 reporting period, which included the following: California brown pelican (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife [CDFW] Fully Protected [FP]), California gull (*Larus californicus*; CDFW Watch List [WL]); double-crested cormorant (*Phalacrocorax auratus*; CDFW WL), and great egret (*Ardea alba*; California Department of Forestry [CDF] Sensitive [S]). California Natural Diversity Database (CNDDB) forms were not submitted for the species listed above because the occurrences are not qualifying life event. As stated in the CNDDB data

2

submission guidelines, birds in transit (fly-overs) and detections of foraging or perched birds are not added (CDFW, 2016)¹.

2.4 WILDLIFE DISPLACEMENT, INJURIES, AND MORTALITIES

2.4.1 Migratory Bird Treaty Act Protected Species

No injured or dead species protected by the Migratory Bird Treaty Act (MBTA) were observed within the EPS site. The American peregrine falcon pair readily hunts and consumes prey within the EPS site. Therefore, small pieces of prey remains are found, but not whole bird carcasses. A list of wildlife species observed during the monitoring event is included in Appendix B. The WOF is provided in Appendix C.

2.4.2 Other Species

On January 12, 2021, a deceased opossum (*Didelphis virginiana*) was found in the drainage system. No additional injured or dead wildlife species were observed within the EPS site. A list of wildlife species observed during the monitoring event is included in Appendix B.

2.5 HAZARDOUS MATERIAL SPILLS

No project-related hazardous material spills were observed during the biological monitoring visit.

2.6 TRASH

Litter, including wind-blown, was observed during the biological monitoring visit. Litter removal requests were submitted to the demolition contractor.

2.8 NON-COMPLIANCE REPORT

No non-compliance notifications or incident reports were issued.

¹ California Department of Fish and Wildlife (CDFW). 2016. *Submitting Avian Detections to the CNDDB*. Available online at: <u>https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=25731</u>
Appendix A Biological Resources Compliance Monitoring Log

NRG Energy Encina Power Station (EPS) Project BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor					Time (Begin-End)
January 29, 2020		Melissa Fowler				10:00-12:30	
Temperature (°F)	Humid (%)	dity)	Wind (mph)	Precipitation (Y/N, amount)	Visibility		Weather Comment
56	50		9	Y, 0.77″¹	Good (10.0 mi)	50-100% clou	id cover

Location(s) of Work Site Activities Monitored

NRG EPS site.

Summary of Biological Resources Monitoring Observations

Biological resources monitoring for biological constraints, special-status species, and nesting birds was conducted at the NRG EPS site.

Nesting Bird Observations:

• No observations were noted.

Special-Status Species Observed:

- California brown pelicans (*Pelecanus occidentalis californicus*; California Department of Fish and Wildlife Service [CDFW] Fully Protected [FP]) were observed within the project vicinity.
- A California gull (*Larus californicus*; CDFW Watch List [WL]) was observed within the project vicinity.
- Double-crested cormorants (*Phalacrocorax auratus*; CDFW WL) were observed within the project vicinity.
- A great egret (*Ardea alba*; California Department of Forestry [CDF] Sensitive [S]) was observed within the project vicinity.
- No additional special-status species were observed.

Other Biological Resources Observations:

• No additional observations were noted.

Other Observations/Comments:

- Litter was observed within the EPS site. A litter removal request was submitted to the contractor.
- No additional observations were noted.

¹Precipitation amount: https://www.wunderground.com/history/daily/us/ca/carlsbad/KCRQ/date/2021-1-29

Items Requiring Action/Follow-up

• A litter removal request was submitted to the contractor.

Wildlife Species Observed

American crow (*Corvus brachyrhynchos*), American kestrel (*Falco sparverius*), black phoebe (*Sayornis nigricans*), California brown pelican, California gull, Canada goose (*Branta canadensis*), double-crested cormorant, European starling (*Sturnus vulgaris*), great egret, Heermann's gull (*Larus heermanni*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), Say's phoebe (*Sayornis saya*), song sparrow (*Melospiza melodia*), western gull (*Larus occidentalis*), white-crowned sparrow (*Zonotrichia leucophrys*), and yellow-rumped warbler (*Setophaga coronata*).









Appendix B Observed Wildlife Species List

Common Name	Scientific Name	Status Federal/State/Other	
Birds			
American crow	Corvus brachyrhynchos	//	
American kestrel	Falco sparverius	//	
Black phoebe	Sayornis nigricans	//	
California brown pelican	Pelecanus occidentalis californicus	/FP/	
California gull	Larus californicus	/WL/	
Canada goose	Branta canadensis	//	
Double-crested cormorant	Phalacrocorax auratus	/WL/	
European starling	Sturnus vulgaris	//	
Great egret	Ardea alba	//CDF: S	
Heermann's gull	Larus heermanni	//	
House finch	Haemorhous mexicanus	//	
Mourning dove	Zenaida macroura	//	
Say's phoebe	Sayornis saya	//	
Song sparrow	Melospiza melodia	//	
Western gull	Larus occidentalis	//	
White-crowned sparrow	Zonotrichia leucophrys	//	
Yellow-rumped warbler	Setophaga coronata	//	
Mammals			
Virginia opossum	Didelphis virginiana	//	

Observed Wildlife Species List January 2021 Encina Power Station

Source:

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. November 2020. Special Animals List. Periodic publication. 116 pp.

Status Codes:

If status codes are not provided, it indicates that the observed species is not a special-status species. **Federal:**

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

CSC = California Species of Special Concern Species of concern to California Department of Fish and Wildlife (CDFW) because of declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

S = Sensitive

WL = Watch List

SP = Special Animals List

Other:

- Bureau of Land Management (BLM), United States Department of Interior - Sensitive (S)

- California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.

- North American Bird Conservation Initiative (NABCI) - Red Watch List (RWL)

- United States Forest Service (USFS) - Sensitive (S)

Appendix C Wildlife Observation Forms

NRG Energy Encina Power Station (EPS)						
Wildlife Observation Form (WOF)						
To be filled out by personr construction activities and Melissa Fowler/Designated	nel who find active nest si to document predation e d Biologist (DB) at (714) 7	tes, wildlife dens, dead events. If nesting birds, 68-1173 or melissa.n.fo	and/or injured wildlife dead and/or injured w owler@gmail.com.	 , or other biological resources duri ildlife have been identified, please 	ing daily contact	
Date	Obse	rver		Observer's Employer		
January 12, 2021	Madeline	Johnson		BISCO		
Location of Observation						
Drainage system						
Wildlife Species		Condition of Wildlife	e (alive/dead)			
Virginia opossum (Didelph	is virginiana)	Dead				
Cause of Injury or Mortali	ty (Don't speculate, If unl	known, enter "unknown	n")			
Unknown						
Current Location of Anima	al					
The carcass was disposed	of per site guidelines.					
Is the Biological Resour	rce in Danger of Being X N/A	Impacted by Project	t or Other Site Activi	ties?		
If Yes, Explain						
Additional Comments	l the Designate d Dislag	· · · · · · · · · · · · · · · · · · ·	tele d'instance			
The observer contacted	the Designated Biolog	gist immediately and	was provided instru	ctions for carcass removal.		

ATTACHMENT E

CUL-5 AND PAL-5 **CERTIFICATION OF COMPLETION**, WORKER ENVIORNMENTAL AWARENESS PROGRAM, JANUARY 2021

No WEAP training required in January 2021

ATTACHMENT F

CUL-6/PAL-6 PALEONTOLOGICAL RESOURCE MONITORING JANUARY 2021

No monitoring required in January 2021

ATTACHMENT G

NOISE-2/COM-11 SUMMARY TABLE OF NOISE HOTLINE CALLS AND PROJECT RELATED COMPLAINTS JANUARY 2021

Encina Power Station Demolition Noise Hotline Calls September 2019 through January 2021

Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Corrective Action Completion Date
10/2/2020	10:48 AM	10022020-1	Michelle Peters - Poseidon - email	Carlsbad Desalination Plant inquired about visible emissions during demolition/equipment cutting activities.	Cabrillo Power I LLC responded on 10/2/2020 via email and have continued communications with Poseidon/Carlsbad Desalination Plant. Measures to reduce visible emissions and monitoring (personal and visible emissions estimator) have been implemented and continue to be evaluated.	10/14/2020 - Issue resolved
10/13/2020	6:43 PM	10132020-1	Mr. Halpin - Hotline Call	Community member walking along the western perimeter of Encina, along Carlsbad Blvd, called with concerns about smelling fumes from the demolition activities.	Caller was contacted and the odor issue was discussed. Odor was related to demolition activities associated with cutting the generators. Additional industrial fans have been placed within the power block building during these cutting activities.	10/14/2020 - Issue resolved
10/28/2020	Unk	10282020-2	California OSHA - Letter dated October 22, 2020 and received on October 28, 2020	Letter from CA OSHA regarding anonymous complaint that demolition project was in violation of five (5) separate California Title 8 Code of Regulations.	Cabrillo Power I LLC provided a written response to CA OSHA on November 6, 2020, which individually addressed and provided evidence to support compliance with each of the five (5) California Title 8 Code of Regulations which were alleged to be non-compliant.	11/6/2020 - Issue resolved
11/5/2020	2:38 PM	11052020-2	Tina Carter- SDG&E - Called Cabrillo directly	Mrs. Tina Carter, an employee of SDG&E contacted Encina Power Station directly regarding a complaint she received from an SDG&E Storeroom employee at the Cannon Road SDG&E service center. The storeroom employee was concerned with the air quality of the air he was breathing as he observed smoke emanating from the Encina Power Station powerblock.	In response to the complaint, SDG&E was contacted and informed the work had been discontinued for the remainder of the day. NRG's Air Quality Compliance Manager for the demolition project suspended cutting/torching activities, known as "shotgunning" that use the larger diameter cutting rods, due to the current ambient weather conditions. Mitigation measures were implemented with numerous fans and short duration cutting periods, but may not have been sufficient due the changing ambient weather conditions. A Visible Emissions Evaluator (VEE) was also monitoring and visible emissions were not observed that exceed SDAPCD Rule 50 or criteria in AQ-SC3 or AQ-SC4.	Phone call - 11/05/2020 @2:51PM Issue resolved

Encina Power Station Demolition Noise Hotline Calls September 2019 through January 2021

						Corrective Action
Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Completion Date
				Mrs. Michelle Peters an employee of Poseidon's Desalination Facility emailed Encina Power Station regarding a complaint she received from Poseidon contracted employees regarding concerns related to air quality and a "metallic" odor in the air as a result of smoke emanating from the Encina Power Station powerblock during demolition activities entailing equipment cutting.	In response to the complaint, NRG's Air Quality Compliance Manager responded to Mrs. Peters and explained that the cutting process has been completed, and will not recommence until January 2021. Personal monitoring has been conducted inside the turbine hall and outside during these activities. Area monitoring has been conducted at monitoring stations near Encina gates 2 and 3. Personal and area monitoring stations within the building have recorded data that have been below CA OSHA permissible exposure limits (PELs) for dust and the several monitored metals, including lead, arsenic, and cadmium. Mitigation measures were implemented with numerous fans and short duration cutting periods, but may not have been sufficient due to the direction of the wind. A Visible Emissions Evaluator (VEE) was also monitoring and visible emissions were not observed that exceed SDAPCD Rule 50 or criteria in AQ-SC3 or AQ-SC4	Initial Email response on 11/10/2020 - Final email response on 12/4/2020 - Issue Resolved
11/6/2020	1.06DM	11062020 2	Michelle Peters - Poseidon -			
11/0/2020	12:00PM	11242020-5	Kristin Hamon - SDG&E- Emailed Cabrillo directly	Mrs. Kristin Hamon, an employee of SDG&E contacted Encina Power Station via email regarding a complaint she received from an SDG&E employee at the Cannon Road SDG&E service center. The employee was concerned with the air quality and when the activities causing the air quality concerns would cease. The question of what Prop 65 exposures to SDG&E employees were occurring at or around the property lines was asked.	The emissions that the SDG&E employee noted were from typical torch cutting of equipment in the basement. The cutting had been conducted during the morning and was completed by the early afternoon. There was a 10-15 mph southwest wind that was present during the cutting which would have moved any emissions away from the SDG&E Cannon Service Center. In response to the complaint, NRG's Air Quality Compliance Manager for the demolition project confirmed that mitigation measures were implemented with numerous fans operating. No visible emissions were observed leaving the Encina power block according to site personnel contacted after the complaint. SDG&E was contacted and informed the work had been discontinued for the remainder of the day, and would not resume again until after the Thanksgiving Holiday period. SDG&E was also informed that prior results from similar activities have indicated results below PELs for Prop 65 listed metals (arsenic, cadmium, chromium and lead).	Email response on 11/24/2020 - Issue resolved

Encina Power Station Demolition Noise Hotline Calls September 2019 through January 2021

						Corrective Action
Date	Time	Log Number	Caller	Issue	Returned Call / Resolution	Completion Date
11/30/2020	2:41PM	N/A	Terry Cook	Ms. Cook's father was one of the first operators at Encina Power Station. She heard that she may be able to get a piece of the demolition material. She asked if she could have a piece of the demolition material? Would like a call back.	Ms. Cook was contacted and informed that no decisions regarding these types of special requests have been considered yet. The projected committed to staying in touch, and communicated that the project will be in a better position during the Summer of 2021 to consider these requests more fully.	Email and phone response on 12/04/2020 - ongoing review
1/7/2021	11:37PM	01072021-7	Kerry Siekmann - Terramar Community Member	Ms. Siekmann contacted the Carlsbad Energy Center Noise Hotline at 11:37PM rather than the Encina Demolition Hotline to indicate that the FAA lights on the Stack/Chimney were not on/illuminated. She expressed a safety concern for aircraft that would rely on the stack lights. Heavy fog was present during Ms. Siekman observations.	Encina Power Station confirmed by inspection of security camera footage at 11:38 PM and 11:43 PM from Carlsbad Energy Center that the FAA stack lights were orking/illuminated. Ms. Siekmann was texted at 11:57 PM that the lights were confirmed to be on/working. Ms. Siekmann responded on January 8 at 9:11 AM that the lights were not visible. Following Ms. Siekmann's text, the lights were again confirmed to be working.	Text response on 01/07/2021 - Issue resolved
1/10/2022	4.000	01102021 6	SDAPCD Inspector - Jason LaBlond on behalf of local	Un January 26, 2021 the San Diego Air Pollution Control District (SDAPCD) notified Encina that a jogger running on Carlsbad Boulevard between 10:00 and 10:30PM on the night of January 19, 2021 complained of an odor and burning eyes. The project's demolition contractor was cutting the Unit 3 stator with a smaller propane/oxygen torch within the powerbock building. Santa Ana- type winds (offshore winds from east to west toward Carlsbad Blvd) were apparent according to NRG personnel who were onsite observing the work and wind direction. Industrial fans were used during torch cutting of the stator to help dissipate potential odors. Cutting was also done intermittently to minimize potential for accumulation of odors or visible emissions. This specific cutting work was conducted from January 19-26, 2021, and no other complaints were reported during this period. This cutting work has been completed.	The inspector understood the type of activity that was taking place, and had no other questions.	Verbal communication with the SDAPCD inspector 01/27/2021 - Issue resolved

ATTACHMENT H

TRANS-5 ROADWAY INSPECTION JANUARY 2021

There was no heavy construction-equipment traffic for demolition of Encina Power Station in January 2021

ATTACHMENT I

TRANS-6 **TRANSPORTATION PERMITS** JANUARY 2021

ATTACHMENT J TRANS-8 TRAFFIC ENCROACHMENT PERMITS JANUARY 2021

No traffic encroachment permits were obtained in January 2021

ATTACHMENT K

SOIL&WATER-2 **CONSTRUCTION WATER USAGE SUMMARY**

SOIL&WATER-9 WASTEWATER SUMMARY

SOIL&WATER-2 Amended Carlsbad Energy Center Project 07-AFC-06C

Water use Summary, January 2021.

Phase IV Demolition (Started December 2019) Potable Water Used*: 21,168 gallons Reclaim Water Used**: 64,950 gallons

Completed Phase(s)

Phase I Demolition (Completed December 2016)Potable Water Used:612,700 gallonsReclaim Water Used:0 gallons

Phase II Construction Total Water Use (Completed December 2018)Potable Water Used:6,575,440 gallonsReclaim Water Used:13,145,265 gallons

Phase III Decommissioning (Completed December 2019) Potable Water Used*: 0 gallons Reclaim Water Used**: 0 gallons

<u>Cumulative Water Use Phase I, II, III, IV</u> Potable Water Used: 7,388,754 gallons Reclaim Water Used: 13,380,015 gallons

*Potable use includes sanitary, hydrotesting, landscape irrigation, and other plant operations, including Phase III Decommissioning and Phase IV Demolition not suitable for reclaim water use (worker contact applications).

**Reclaim use includes dust control and compaction.

SOIL&WATER-9 Amended Carlsbad Energy Center Project 07-AFC-06C

Wastewater Generation and Disposal Summary Construction Phase

ACECP did not generate or dispose of any wastewater offsite in January 2021.

ATTACHMENT L

GEN-2 and TSE-1 **MASTER DRAWING LIST UPDATE** JANUARY 2021

No master drawing list exists for demolition in January 2021

ATTACHMENT M

GEN-3 **PROOF OF PAYMENT TO DCBO** JANUARY 2021

ATTACHMENT N

CIVIL-1, GEN-6 LIST OF DCBO APPROVALS and MECH-1 CBO INSPECTION APPROVALS

JANUARY 2021

No DCBO approvals or inspections were conducted for demolition in January 2021

LIST OF DCBO PLAN APPROVALS AND INSPECTIONS JANUARY 2021

The documents listed below have been approved by the Delegate Chief Building Official (DCBO).

CBO Package No.	Date Submitted	Description	COC

CBO MECHANICAL INSPECTIONS JANUARY 2021

CBO Package No.	Date Submitted	Description	COC

ATTACHMENT O

WORKER SAFETY-3 **CONSTRUCTION SAFETY SUPERVISOR MONTHLY SAFETY REPORT & SAFETY INCIDENTS** JANUARY 2021

Worker Safety-3 Incident –

On January 22, 2021, demolition contractor Brandenburg Industrial Services Corporation (BISCO) had a crewmember working inside the asbestos containment area removing boiler refractory when the individual was struck in the hip by a section of pipe that had been cut by another crewmember. The incident resulted in an OSHA recordable injury. The incident is still under investigation. A Root Cause Analysis has been submitted to the CEC separately in accordance with Condition of Certification COM-13.

Brandenburg_®

February 1, 2021

Project Code: MA0842

NRG-Encina Power Station 4600 Carlsbad Blvd. Carlsbad, Ca. 92008

Attn: Tim Sisk Environmental Manager

Subject: Monthly Onboarding

Dear Mr. Sisk:

This letter confirms that Brandenburg Industrial Services Company performs montly onboarding and orientation of new employee's. Attached is the monthly onboarding of employee's.

Please let me know if any further information is required.

Best regards,

Liam L Gampbell

Liam Campbell Brandenburg Industrial Services Co.

DIVISION OFFICE

2217 Spillman Drive Bethlehem, PA 18015-1982 Phone (610) 691-1800 Fax (610) 691-4200

BRANDENBURG INDUSTRIAL SERVICE COMPANY

501 W. Lake Street, Suite 104 | Elmhurst, IL 60126-1419 | Phone (630) 956-7200 | Fax (630) 956-7222
2625 S. Loomis Street | Chicago, IL 60608-5414 | Phone (312) 326-5800 | Fax (312) 326-5055
1 N. Broadway, Stop 670 | Gary, IN 46402-3101 | Phone (219) 881-0200 | Fax (219) 880-4330
200 E. Big Beaver Road | Troy, MI 48083-1208 | Phone (313) 382-2500 | Fax (800) 849-1589
#50 Rivera Aulet Street, Bo. Pueblo Suite 101 | Arecibo, PR 00612 | Phone (787) 650-7171
800 Town & Country Blvd. | Houston, TX 77024-3916 | Phone (832) 431-3287 | Fax (800) 849-1589

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Job Name: NRG Encina PowerStation

Job #: MA0842

Month Ending: January 2021

Monthly OnBoarding					
Name	Training Date				
Bacilio Lopez - Brandenburg	1/12/2021				
Anthony Padilla – Brand Safeway	1/18/2021				
Adrian Garcia Larza - Brandenburg	1/20/2021				
Edgar Bojorquez Sanchez - Brandenburg	1/20/2021				
Joel Rojas - Brandenburg	1/25/2021				
Orlando Gonzalez - Brandenburg	1/27/2021				
Linda Suarez - Brandenburg	1/27/2021				

Brandenburg

MONTHLY SAFETY REPORT

February 1, 2021

This letter serves as a summary of safety related activities for the month of January 2021.

During the month of December a total of 7 employees completed site training for the Encina Power Station demolition project. Trained personnel consists of employees from Brandenburg and Brand Safeway.

Brandenburg had 18 working days in the month of January. On each of these days, a major Tool Box Talk was conducted with all site personnel in the morning. Brandenburg also completed additional Tool Box Talks that covered task specific TSAs after the primary tool box talk.

Brandenburg completed annual safety topic training for all employees covering respiratory protection and annual fit testing.

Brandenburg completed two Stand Down Training focusing on confined space and emergency rescue.

Brandenburg management completed 27 documented safety related inspections.

Brandenburg completed 295 Safety Observations (SOS submittals) for the month of January. See attached documents that review the specific data of these observations.

Brandenburg one lost time incident for the month of January.

Benjamin Gallina - BISCO Project Safety Manager

ATTACHMENT P

WORKER SAFETY-4 **CBO SAFETY MONITOR INSPECTION MONTHLY SAFETY REPORT** JANUARY 2021

No DCBO safety inspections were conducted for demolition in January 2021

ATTACHMENT Q

CIVIL-3 AND STRUC-2 NON-CONFORMANCE REPORT LOG

No non-conformance reports for demolition in January 2021