

California Energy Commission
 Energy Facilities Siting &
 Environmental Protection Division
 REPORT OF CONVERSATION

DOCKET	
09-AFC-4	
DATE	AUG 25 2010
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File: 09-AFC-04

Project Title: Oakley Generating Station
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(X) TELEPHONE () MEETING LOCATION: (X) E-MAIL		
NAME: Melissa Mourkas, Planner II	TIME: 2:00 PM	DATE: 8-25-10
WITH: Doug Davy, Project Manager, CH2MHILL	PHONE (916) 286-0278	

SUBJECT: Soil Stockpiles and Transmission Poles

COMMENTS:

On August 25, 2010, I had a telephone conversation confirming details in an e-mail exchange that took place between July 28, 2010 and August 24, 2010. The entire e-mail exchange is attached. Below is a summary of the questions from staff and the applicant's responses.

Question #1: Soil Stockpiles. Soil stockpile locations are identified in Figure 1.1-2 north of the project site on DuPont property and in Biological Resources 5.2.1.5.6. Do we have an understanding of the amount of soil to be stockpiled, the length of time it may be stockpiled and the approximate shape and size of the stockpiles themselves? Can you be more specific also about where within the identified areas the stockpiles will be, i.e., how far from Bridgehead Road. What is the proposed treatment of the stockpiles?

Response:

1. **Quantity of soil:** Approximately 94,000 cubic yards.
2. **Length of time:** The stockpiles would be transferred to DuPont once they are stabilized. DuPont or DuPont's master developer will use soil when the remaining DuPont property is developed. The precise time this will happen is unknown, but could be 5 to 10 or more years.
3. **Shape of the stockpile:** The dirt will be pushed into a large mound with 4:1 side slopes and a flat top using power equipment
4. **Height of the pile:** Approximately 20 feet.
5. **Location of the piles within the soil stockpile area:** We assume that the piles will be centered within the areas reserved for them. To minimize the heights of the piles, their bases will occupy the majority of the area shown.
6. **Stockpile treatment:** From AFC Section 5.11.4, "wind erosion potential will be reduced significantly by keeping soil moist or by covering and/or hydroseeding the

soil stockpile.” Standard Best Management Practices will be used to prevent erosions.

Question #2. Construction impacts in the transmission corridor. The Biological Resources Section 5.2.2.2.3 has a description of the impacts of construction in terms of square footage of disruption/plant removal at each replacement tower location and the staging areas for the transmission wire and pulling equipment at each end of the corridor. Have you identified how many staging locations there may be for the installation of the poles in the corridor itself and where those locations are? Is there a time estimate for completion of this phase of the OGS project (in terms of months)?

Response:

1. **Number of staging areas:** PG&E will be the constructor and ultimate owner of the transmission line. Therefore, the final staging areas will be determined by PG&E when they finalize the construction plans.
2. **Locations of the staging areas:** Please see previous response.
3. **Duration of the transmission line replacement:** The planned transmission line upgrade will be completed and the right of way will be restored within one year.

Question #3. Number of Replacement Transmission Poles: Figure 3.2-1 shows a total of 19 transmission pole locations. The text states that 17 existing transmission poles will be replaced. One is existing in the wetland and is to stay-that makes 18. Field investigation reveals that there are only 18 existing poles. The 19th pole location that is shown on Figure 3.2-1 adjacent to the hotel off Bridgehead Road near SR 160/Main Street does not currently exist. Are you planning to add a net new pole in that location?

Response:

The Oakley Generating Station transmission design does include 19 transmission towers, as indicated in Figure 3.2-1 of the AFC. The OGS project design adds one tower to the 18 towers currently located in the right-of-way. This location of this new tower, as you have correctly pointed out, is the northwest corner of the parking lot of the Comfort Suites Hotel that is located just west of Bridgehead Road and north of Main Street. The tower would be located where the hotel dumpster corral is currently. A new tower would be needed at this location to reduce blowout potential.

COPIES TO:	NAME: Melissa Mourkas SIGNATURE
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From: <Doug.Davy@CH2M.com>
To: <MMourkas@energy.state.ca.us>
CC: <Keith.McGregor@CH2M.com>, <ACrisp@energy.state.ca.us>, <PMartine@energy...>
Date: 8/24/2010 4:54 PM
Subject: RE: Oakley Generating Station Soil Stockpiles, TransmissionLineConstruction

Melissa,

This is to confirm, per our telephone conversation, that the Oakley Generating Station transmission design does include 19 transmission towers, as indicated in Figure 3.2-1 of the AFC. The OGS project design adds one tower to the 18 towers currently located in the right-of-way. This location of this new tower, as you have correctly pointed out, is the northwest corner of the parking lot of the Comfort Suites Hotel that is located just west of Bridgehead Road and north of Main Street. The tower would be located where the hotel dumpster corral is currently. A new tower would be needed at this location to reduce blowout potential.

Please let me know if you require any additional information or clarification.

Regards,

Doug Davy
CH2M HILL
(916) 286-0278
ddavy@ch2m.com

From: Melissa Mourkas [mailto:MMourkas@energy.state.ca.us]
Sent: August 24, 2010 8:19 AM
To: Davy, Doug/SAC
Cc: McGregor, Keith/SAC; Ann Crisp; Pierre Martinez; m.lindley@pwa-ltd.com; greg.lamberg@radback.com; jim.mclucas@radback.com
Subject: RE: Oakley Generating Station Soil Stockpiles, Transmission LineConstruction

Doug-

Thank you for your reply- that is very helpful.

There was a third question in my second e-mail, I have pasted it in below. Hopefully you can address this as well.

3. Number of Replacement Transmission Poles: Figure 3.2-1 shows a total of 19 transmission pole locations. The text states that 17 existing transmission poles will be replaced. One is existing in the wetland and is to stay-that makes 18. Field investigation reveals that there are only 18 existing poles. The 19th pole location that is shown on Figure 3.2-1 adjacent to the hotel off Bridgehead Road near SR 160/Main Street does not currently exist. Are you planning to add a net new pole in that location?

Thanks!
Melissa

>>> On 8/23/2010 at 3:57 PM, in message
<2BF9A05C039ABA4EA98E27A0C9309CF61651E1CE34@MAYA.amr.ch2m.com>,
<Doug.Davy@CH2M.com> wrote:
Melissa,
I have the answers to your questions. Sorry for the long delay.
Topic 1: Soil Stockpiles

1. Quantity of soil: Approximately 94,000 cubic yards.
2. Length of time: The stockpiles would be transferred to DuPont once they are stabilized. DuPont or DuPont's

master developer will use soil when the remaining DuPont property is developed. The precise time this will happen is unknown, but could be 5 to 10 or more years.

3. Shape of the stockpile: The dirt will be pushed into a large mound with 4:1 side slopes and a flat top using power equipment
4. Height of the pile: Approximately 20 feet.
5. Location of the piles within the soil stockpile area: We assume that the piles will be centered within the areas reserved for them. To minimize the heights of the piles, their bases will occupy the majority of the area shown.
6. Stockpile treatment: From AFC Section 5.11.4, "wind erosion potential will be reduced significantly by keeping soil moist or by covering and/or hydroseeding the soil stockpile". Standard Best Management Practices will be used to prevent erosions.

Topic 2: Transmission Line Replacement

1. Number of staging areas: PG&E will be the constructor and ultimate owner of the transmission line. Therefore, the final staging areas will be determined by PG&E when they finalize the construction plans.
2. Locations of the staging areas: Please see previous response.
3. Duration of the transmission line replacement: The planned transmission line upgrade will be completed and the right of way will be restored within one year.
Please let us know if you have additional questions.

Regards,

Doug Davy

Project Manager

CH2M HILL

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ddavy@ch2m.com

From: Melissa Mourkas [mailto:MMourkas@energy.state.ca.us]

Sent: July 28, 2010 2:53 PM

To: Davy, Doug/SAC

Cc: Ann Crisp; Felicia Miller; m.lindley@pwa-ltd.com

Subject: Oakley Generating Station

Hello Doug-

A couple of questions have surfaced in the Visual Resources analysis. I have copied in the Biological Resources staff, Ann Crisp and the Soils Consultant, Mark Lindley, so they may benefit from our discussion, as it may involve their analyses as well.

From a Visual Resources standpoint, I need some clarification of the following:

1. Soil Stockpiles. Soil stockpile locations are identified in Figure 1.1-2 north of the project site on DuPont property and in Biological Resources 5.2.1.5.6. Do we have an understanding of the amount of soil to be stockpiled, the length of time it may be stockpiled and the approximate shape and size of the stockpiles themselves? The concern from a visual standpoint is that these piles might be in the storage locations for a long period of time. Can you be more specific also about where within the identified areas the stockpiles will be, i.e., how far from Bridgehead Road. What is the proposed treatment of the stockpiles?

2. Construction impacts in the transmission corridor. The Biological Resources Section 5.2.2.2.3 has a description of the impacts of construction in terms of square footage of disruption/plant removal at each replacement tower location and the staging areas for the transmission wire and pulling equipment at each end of the corridor. Have you identified how many staging locations there may be for the installation of the poles in the corridor itself and where those locations are? Is there a time estimate for completion of this phase of the OGS project (in terms of months)?

I look forward to hearing from you.
Melissa

Melissa Mourkas
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