

DOCKETED

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Project Title:	Sutter Power Plant Application for Certification
TN #:	201407
Document Title:	UPDATED - Sutter County Flood and Transportation Information
Description:	N/A
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Subject: FW: Sutter Energy Center petition for amendment - review of delivery routes and amendment comments

From: David Tomm [<mailto:dtomm@co.sutter.ca.us>]

Sent: Monday, December 09, 2013 10:06 AM

To: Kerr, Steven@Energy

Cc: James Walton

Subject: RE: Sutter Energy Center petition for amendment - review of delivery routes and amendment comments

Hi Steven,

Attached is a transportation permit application with attachments. You will need to fill out an application for each trip (load). Please submit a completed application for each trip along with a \$16.00 permit fee to James Walton, Sutter County Public Works. Please contact James (530-822-7450) with any follow up questions regarding the transportation permits.

The following is for your information:

There are two bridges along the route from the rail that are limited to a purple load rate – maximum weight on tandem axles of 60,000 lbs. Intersections along the depicted route are not geometrically designed for wide turning movements so there may be factors along the route that will limit turning movements, i.e., guard rails, telephone poles, signs, insufficient paved surface, etc.

Another design consideration is that the work is being constructed in a special flood hazard area depicted as a Zone A by FEMA on FIRM panel 0603940600E. Sutter County has determined that the 100 yr (Base Flood Elevation) for the construction project is 49.2 ft (NGVD 1929 datum). FEMA and county ordinance requires that all electric/utility equipment be elevated above the Base Flood Elevation or designed to prevent water from entering or accumulating with the components during conditions of flooding.

David Tomm, P.E., C.F.M.

Associate Civil Engineer

County of Sutter

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(530) 822-4403

From: Kerr, Steven@Energy [<mailto:Steven.Kerr@energy.ca.gov>]

Sent: Friday, December 06, 2013 3:02 PM

To: David Tomm

Subject: Sutter Energy Center petition for amendment - review of delivery routes and amendment comments

Hello David,

I am following up on a phone message that I left you earlier this week. My colleague Lisa Worrall emailed you the message below back on May 30th. Recently I took over the task of preparing the traffic and transportation analysis for the proposed modifications to the Sutter Energy Center and I'm working on finishing up the analysis where Lisa had left off. I was able to locate a copy of the message that she sent you, but was not able to find a copy of your response. I

apologize for requesting this information from you again, but I wanted to confirm with you myself whether or not you had any comments or concerns regarding the amendment.

I have attached a copy of the figure showing the project components and their location so you can orient yourself to the existing Sutter Energy facility with respect to the location of the proposed underground generator tie-line, bank of step-up transformers, and substation. The second figure shows the two truck delivery routes that would be used, which is consistent with the two routes designated and approved in the project's license. As was also designated and approved in the project's license was the delivery route for oversized equipment coming in via Union Pacific rail. The amendment has identified the use of this route for oversized equipment delivered via rail.

Construction of the underground generator tie-line would involve undercrossing Boulton Road. PG&E would construct, own, and maintain the new substation and would construct the at a later date. Calpine would construct the bank of step-up transformers (proposed location adjacent to the new substation while the underground generator tie-line and air cooled condenser and associated equipment (at the SEC facility) is in construction. Construction of the Calpine-proposed modifications is anticipated to take 9 months.

Can you please review the attached figures and let me know if there are any problems with the use of these previously approved routes for the amendment?

I have attached the Executive Summary from Calpine's Petition for Amendment for your information and below is a link to the whole document.

http://www.energy.ca.gov/sitingcases/sutterpower/compliance/2013-03-22_Calpine_Petition_to_Amend_TN-70201.pdf

I have also attached a copy of the Conditions of Certification for the existing license, the applicant is not requesting any changes to the conditions, which would also apply to the construction of the proposed modifications.

Please add any comments or concerns you might have about the proposed amendment as it relates to traffic and transportation. Let me know if you have any questions.

Thank you,

Steve Kerr
Planner II
(916) 651-0483
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