

From: "Almaguer, Dustin J" <Dustin.Almaguer@BNSF.com>
To: "jason.pfaff@powereng.com" <jason.pfaff@powereng.com>, "Fleischer, Lawren...
CC: "dkrauss@exponent.com" <dkrauss@exponent.com>, "choffman@energy.state.ca...
Date: 8/3/2011 3:02 PM
Subject: RE:

Jason,

In response to your information request, I am working with our various engineering and mapping groups to make sure we provide the most detailed and useful information possible. One potential source of information may be our LiDAR maps made in connection with our Positive Train Control (PTC) initiative. Our PTC folks are currently checking whether the LiDAR equipment has mapped the Needles subdivision (the subdivision where the proposed Calico facility is to be located). In the meantime, I thought I would check whether Power Engineers has experience with LiDAR and access to the software required to access LiDAR-generated files. If so, this may be a promising avenue (if information for the Needles sub is available). If not, I suggest we arrange a quick conversation between BNSF's technical people and Power Engineers to discuss the type of information needed and file formats that are usable by Power Engineers. Please let me know your thoughts.

Thank you,

Dustin

Dustin Almaguer | BNSF Railway | Assistant General Attorney |

dustin.almaguer@bnsf.com <mailto:dustin.almaguer@bnsf.com> | * 817.352.2312 | 817.352.2399

From: jason.pfaff@powereng.com [mailto:jason.pfaff@powereng.com]

Sent: Friday, July 22, 2011 2:58 PM

To: Fleischer, Lawrence B

Cc: Almaguer, Dustin J; dkrauss@exponent.com; choffman@energy.state.ca.us;
AKoch@energy.state.ca.us; Dflores@energy.state.ca.us; Gregg_Irvin@yahoo.com;
jonathanm@kroadpower.com; dano@kroadpower.com

Subject:

Dear Lawrence,

Please find attached our request for information relating to the Calico Glint and Glare analysis.

Sincerely, <<Calico - BNSF VISUAL DATA REQUEST.docx>>

Jason Pfaff - Visualization Department Manager

POWER Engineers, Inc.

1300 16th Ave Ste 200

Clarkston, Wa. 99403

(208)914-1667 - cell

509-758-6029 - phone

509-758-6145 - fax

www.powereng.com/visual<<http://www.powereng.com/visual>>