

Docket Optical System - Re: FW: Palmdale - Confirmation of Cooling Tower Physical Dimensions

From: Felicia Miller
To: Docket Optical System
Date: 3/29/2010 9:46 AM
Subject: Re: FW: Palmdale - Confirmation of Cooling Tower Physical Dimensions

please docket and post on web

From: Head, Sara [mailto:Sara.Head@aecom.com]
Sent: Wednesday, March 24, 2010 6:20 PM
To: Will Walters
Cc: Balentine, Howard; Hamel, Richard
Subject: RE: Palmdale - Confirmation of Cooling Tower Physical Dimensions

Will –

DOCKET	
08-AFC-9	
DATE	<u>MAR 24 2010</u>
RECD.	<u>MAR 29 2010</u>

Sorry for the delay in getting back to you, but we were doing a bit of checking to see which response indicated an inline 10 cell tower for PHPP and I cannot find it. The AFC and the March 2, 2009 project description changes both show a conceptual layout with a 2 by 5 cell tower, and Rich assures me that all of our modeling files assume a back to back tower. My apologies if there is a discrepancy somewhere, but PHPP is proposing a 2 by 5 cell tower.

In terms of revised dimensions for the tower, we are not proposing any changes at this time. Kiewit's information is that this model may be slightly smaller than the one described previously, but since a little bit larger would be worst case and could change further with final plant design, I would prefer not to make any more changes than needed at this time. Therefore, please assume the following:

Dimension	Cooling Tower (ft)
Width	96.7
Height	59
Length	240.7
Diameter/cell	28

Please let us know if you need additional information or have any other questions. Once you have completed your revised analysis, we would be very interested in knowing the new results and would also be very interested in what Staff's thoughts are about next steps.

We appreciate your assistance.
 Sara

Sara J. Head, QEP

AECOM Environment
805-388-3775, ext 227

From: Will Walters [mailto:WWalters@aspeneg.com]
Sent: Tuesday, March 23, 2010 4:23 PM
To: Balentine, Howard
Cc: Hamel, Richard
Subject: Palmdale - Confirmation of Cooling Tower Physical Dimensions

Howard,

I still need the cooling tower physical dimensions to complete my visible plume modeling analysis. It appears that there clearly was a change since the original basis was an inline 10 cell tower, per the response and now it seems the proposal is a 2 by 5 cell tower. The parameters I need are:

- 1) Height of cell/exhaust
- 2) Cooling Tower Housing Length
- 3) Cooling Tower Housing Width
- 4) Cell/exhaust Diameter

Thanks,

Will