

Richmond, Maria

From: Maddox, Rebecca
Sent: Wednesday, September 03, 2008 9:51 AM
To: Lux, Christopher
Subject: Ash Pond Liner Replacement
Categories: Folder: Rebecca Maddox ARCHIVED\~SENT

Chris -

Wondering if you would have some time maybe later this am to discuss some of our concerns w/ the ash pond liner replacement. We are really struggling w/ this installation due to the following:

1. I realize the new liner has to be installed to minimize the liability of ash leachate. However, our fear is that the membrane will be punctured anyways w/ Lafarge continually going in and out of the ponds to dig up the ash. No matter how much we would reiterate to them to be careful, the possibility of the liner being punctured is much greater now than w/ just a poz-o-pac type "liner". We really feel this liner, even w/ the cushion and warning layers, will not be able to withstand the constant heavy equipment traffic that will continue.
2. Was there any other discussions w/ Maria on installing something more durable than the geomembrane? Going back to our fear of this thing being punctured, was anything else investigated that could provide the same leachate protection but be more durable to heavy equipment?
3. How can you be relatively certain that your new pond liner has not been compromised? Are you performing any type of annual leak detection of the liner after installation and use? I realize this is part of the scope upon completion of the installation but what about after use for say 6-months? have you investigated that at all?
4. How receptive has LaFarge been to dealing with the delicacy of the liner? I can already tell you the LaFarge folks we are dealing with here have some serious apprehensions about working on this liner and I now you had indicated you just have to reiterate to them over and over to be careful. However, I see that as being a problem. Plus, our ponds will never get completely clean due to the inability of the LaFarge equipment not being able to get to certain areas of the ponds. All it takes is one of their operators to dig too deep and now we have to spend even more money to repair something that we knew in the first place might pose a problem.

Let me know if you have some time later and myself and our project manager may give you a call.

Thanks.

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