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**From:** Stowe, Allen <Allen.Stowe@duke-energy.com>  
**Sent:** Thursday, June 09, 2011 7:39 PM  
**To:** Toepfer, John  
**Cc:** Bill Miller; Sullivan, Ed M  
**Subject:** FW: Ash Pond Flow Chart 4c Rev 3

John,

Bill revised the AP schematic based on a discussion we had yesterday (see Altamont presentation, attached). The rationale for the changes is listed in the previous note below. Please let me know your thoughts regarding these revisions. Thanks

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**From:** Bill Miller [<mailto:bmiller@altamontenvironmental.com>]  
**Sent:** Wednesday, June 08, 2011 4:22 PM  
**To:** Stowe, Allen; Sullivan, Ed M  
**Cc:** Joel Lenk; Stu Ryman  
**Subject:** FW: Ash Pond Flow Chart 4c Rev 3

Allen,

As we discussed, I reviewed the flowchart and thought that a couple of revisions were in order.

I edited the Powerpoint slide and inserted an "Altamont" into the file name.

The revisions were:

- The original slide had the facility with predictive modeling going to non-compliance after evaluating the results against naturally occurring concentrations and verification of the results. Since the modeling in part is relying on concentrations at a well (located inside the Compliance Boundary), it seemed reasonable to perform the "Evaluate Well Location" step before determining if the site goes to non-compliance. There actually may need to be a loop inserted after "Evaluate well location" to bring the events back to verify results. If the well is re-developed, the re-sampling would also likely occur. What are your thoughts on this?
- I also combined the "Facility is Non-Compliant ..." box with the "Permittee coordinates with Regional Office ..." box. My read of 2L is that the permittee prepares the plan that is then approved by the Director, as opposed to the wording "Division notifies permittee of corrective action requirements". My recollection is that Duke has already received guidance from DENR on the applicable sections of .0106 (k and l) in the Dec 18, 2006 letter from Ted Bush.
- I also move the box "Continue scheduled groundwater monitoring/modeling" to the far right side. This seemed visually to help the flowchart.

My Powerpoint skills are not great, so someone with better skills may need to fix arrows, etc.

It looks like no NOV's are issued unless the Division is not notified or unless the permit does not comply with the corrective action. That is good.

Hope this helps... Bill

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**From:** Stowe, Allen [<mailto:Allen.Stowe@duke-energy.com>]  
**Sent:** Wednesday, June 08, 2011 11:06 AM  
**To:** Sullivan, Ed M; Bill Miller  
**Subject:** FW: Ash Pond Flow Chart 4c Rev 3

Please let me know if you think the attached schematic warrants revision. Thanks

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**From:** Watts, Debra [<mailto:debra.watts@ncdenr.gov>]  
**Sent:** Wednesday, June 08, 2011 10:53 AM  
**To:** Stowe, Allen; Toepfer, John  
**Subject:** FW: Ash Pond Flow Chart 4c Rev 3

Attached is our final flowchart -- wording tweaked a bit and arrows and placement of blocks and diamonds realigned, but should be basically what you have seen before. Let me know by Friday if you have any issues, otherwise I hope to get signed next week. djw

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**From:** Smith, Eric  
**Sent:** Wednesday, June 08, 2011 9:41 AM  
**To:** Watts, Debra  
**Subject:** Ash Pond Flow Chart 4c Rev 3

Debra:

See attached.

-Eric

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