

Gray, Jeff

From: Johnson, Linden Printz
Sent: Tuesday, July 25, 2006 4:30 PM
To: Johnson, Linden Printz; Purkey, Ronald E; Campbell, Linda F; Knight, Tony Alan; Dixon, Melisa D; Lennon, Kendal R; Quinn, James Roy III; McDonald, Cathy L; Varner, Arthur L; Williams, Brian E; Carter, James C Jr; Nelson, Gary R; Rehberg, Robert L
Cc: Olmstead, Chadwick Regan; Gray, Jeff; Petty, Harold L
Subject: RE: KIF - Ash Pond PH Treatment Meeting of 7/24 - Decisions and Actions

I checked with the permitting section at TDEC and they have not heard of a prohibition on using acid to control pH so that is available for evaluation. Thanks.

Linden (Lindy) Printz Johnson
Tennessee Valley Authority
Environmental Affairs, LP 5D-C
phone: 423 751 3361
fax: 423 751 7011
email: lpjohnson@tva.gov

-----Original Message-----

From: Johnson, Linden Printz
Sent: Tuesday, July 25, 2006 9:07 AM
To: Purkey, Ronald E; Campbell, Linda F; Knight, Tony Alan; Dixon, Melisa D; Lennon, Kendal R; Quinn, James Roy III; McDonald, Cathy L; Varner, Arthur L; Williams, Brian E; Carter, James C Jr; Nelson, Gary R; Rehberg, Robert L; Johnson, Linden Printz
Cc: Olmstead, Chadwick Regan; Gray, Jeff; Petty, Harold L
Subject: RE: KIF - Ash Pond PH Treatment Meeting of 7/24 - Decisions and Actions

Correction to item 4 below: Tony is using 6.2 to 8.8 for maximum calculations. That is not the final set point range - to be determined later.

Linden (Lindy) Printz Johnson
Tennessee Valley Authority
Environmental Affairs, LP 5D-C
phone: 423 751 3361
fax: 423 751 7011
email: lpjohnson@tva.gov

-----Original Message-----

From: Purkey, Ronald E
Sent: Tuesday, July 25, 2006 8:42 AM
To: Purkey, Ronald E; Johnson, Linden Printz; Campbell, Linda F; Knight, Tony Alan; Dixon, Melisa D; Lennon, Kendal R; Quinn, James Roy III; McDonald, Cathy L; Varner, Arthur L; Williams, Brian E; Carter, James C Jr; Nelson, Gary R; Rehberg, Robert L
Cc: Olmstead, Chadwick Regan; Gray, Jeff; Petty, Harold L
Subject: RE: KIF - Ash Pond PH Treatment Meeting of 7/24 - Decisions and Actions

The short code in item 7 ends in S, not 5. the correct short code is 001FT3S. Thanks.

Ron Purkey

-----Original Message-----

From: Purkey, Ronald E
Sent: Monday, July 24, 2006 6:13 PM
To: Purkey, Ronald E; Johnson, Linden Printz; Campbell, Linda F; Knight, Tony Alan; Dixon, Melisa D;

09/06/2006

TVA-00006251

Lennon, Kendal R; Quinn, James Roy III; McDonald, Cathy L; Varner, Arthur L; Williams, Brian E; Carter, James C Jr; Nelson, Gary R; Rehberg, Robert L
Cc: Olmstead, Chadwick Regan; Hedgecoth, Melissa A; Thompson, Melissa A; Lundy, Dennis L; Cahill, Donald Patrick; Gray, Jeff; Petty, Harold L
Subject: KIF - Ash Pond PH Treatment Meeting of 7/24 - Decisions and Actions

The team met on Monday 7/24/06. The attendance was as follows:

Purkey, Ronald E; Johnson, Linden Printz; Campbell, Linda F; Knight, Tony Alan; Dixon, Melisa D; Lennon, Kendal R; Quinn, James Roy III; McDonald, Cathy L; Varner, Arthur L; Williams, Brian E; Carter, James C Jr; Nelson, Gary R; Rehberg, Robert L

The following are the decisions and actions as a result of that meeting:

1. The PH control is required for high and low PH (between 6 and 9)
2. The project is in the early stages of Phase 1. The team decided that information on the chemistry of the ash pond water (now and future) and the method of treatment based on the chemistry and pond configuration was needed before discipline engineering involvement.
3. Tony Knight will lead the effort to obtain the information in item 2. Tony will have the final information available 8/24/06. The deliverables will be as follows:
 - a. Look at alternatives to CO2 and NaOH
 - b. Feed rate for CO2
 - c. Feed rate for NaOH (or other)
 - d. Method of chemical feed recommendations
 - e. Location of chemical feed recommendations
 - f. Safety considerations for all chemicals
 - g. Tank Material recommendations
4. Lindy Johnson stated that, due to meter tolerance, the PH will be kept between 6.2 and 8.8.
5. Linda Campbell will provide Tony Knight the effluent flow from the plant going to the ash pond by 8/2/06.
6. Ron Purkey will provide to Tony Knight the 10 year 24 hour rainfall runoff from the dredge cells adjacent to the ash pond by 7/31/06.
7. Art Varner provided the short code 001FT35 for the Phase 1 study.
8. The Ash Pond PH treatment must be installed by 9/30/07.
9. A preliminary schedule was developed as follows:

DATE	DELIVERABLE
8/24/06	CHEMICAL DATA FROM TONY KNIGHT
8/31/06	PHASE 1 B START WITH DISCIPLINE ENGINEERING
11/15/06	PHASE 1 STUDY COMPLETE
12/1/06	TANK REQUISITION ISSUED
2/15/07	PHASE 2 DCN ISSUED

5/1/07 TANKS DELIVERED
5/1/07 CONSTRUCTION START
8/1/07 CONSTRUCTION COMPLETE
8/1-8/31 OPERATIONAL CHECKOUTS
9/1/07 TURNOVER

10. The next team meeting will be at KIF on Thursday 8/31/06 at 1 pm in the Plant Manager's conference room.

11. There will be weekly Wednesday telecons beginning 8/2 at 2:30 pm. The meet me number is 423 751 2428; meet me no. 4820.

If you have any questions or comments on any of the above, please call me at 4820-C. Thanks.

Ron Purkey
Manager of Civil Engineering
LP 2G-C