

Petty, Harold L.

From: Latsch, Mitchell D.
Sent: Tuesday, October 25, 2005 4:09 PM
To: Miller, Evelyn C.
Cc: Baugh, James S.; Myers, Thomas J.; Petty, Harold L.
Subject: RE: KIF Gypsum Marketer Power Requirements

I don't think that the decision as to who/how we were going to provide power out there has actually been made.

My recollection is that the last resort would be for the FGD project to provide power to all the equipment and the marketer out in that area, only if the local distributor did not want to supply the power needs out there. This is a large enough load for the local distributor, they may be interested.

In my opinion (and I believe other's, as well) it would be best to have the local distributor provide power to the marketer, if they would prefer to do so. TVA prefers to provide power to large users, and no offense to Synmat, this would not be considered a large load, by TVA standards. Further, this option is less costly to TVA (and probably the marketer, as well).

I think we need to give the distributor the option of first refusal before we just install the power feed for the marketer - because if we do not, I believe that they can come back to TVA and ask for their markup and profits since TVA is providing the power to a business in their service area.

Anyway, I think someone needs to ask, and if you would like me to initiate the the inquiry into the local distributors wishes I will do so, just let me know.

Mitch Latsch

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

From: Miller, Evelyn C.
Sent: Tuesday, October 25, 2005 2:36 PM
To: Latsch, Mitchell D.
Cc: Baugh, James S.; Myers, Thomas J.; Petty, Harold L.
Subject: RE: KIF Gypsum Marketer Power Requirements

According to the KIF Responsibility Matrix I thought it had been decided that we are providing the power there since we have to bring power out there for our pumps and the valve station anyway. The power requirements will be the same as identified for PAF/BRF/COF, etc. SynMat has a fairly standard design for all four facilities which requires the following as outlined in their response to TVA's RFP:

Electrical Power: 500 amp, 480 volt, 3-phase power. May accept higher voltage to their transformer.

Process Water: a total of up to 120 gpm of river water with a temp range from 40-105 F

Potable Water: acquired through local municipal service where practical or kept in tanks onsite

Diesel Fuel: purchased from regional bulk distributor

Waste Disposal: arranged from regional company specializing in providing these services

Sewage: either through local municipal provider or through Porto-John and/or holding tanks

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

From: Latsch, Mitchell D.

Sent: Tuesday, October 25, 2005 2:19 PM

To: Miller, Evelyn C.

Cc: Baugh, James S.; Myers, Thomas J.

Subject: KIF Gypsum Marketer Power Requirements

Cheri,

Can you find out how much power that Synmat is expected to require for their process needs at Kingston?

Also, someone needs to approach the local power distributor up there to see if they want to provide power to Synmat's facility - do you want to do that or would you prefer that I initiate that inquiry?

This information is needed fairly quickly to support the assessment of where and how power is to be supplied for all the various equipment in that area of the reservation.

Let me know your answer(s) as soon as you are able.

Thanks,

Mitchell Latsch

Project Engineer PAF U3, BRF U1 and KIF U1-9 FGD Scrubber Projects

Chemical Engineer, Mechanical Engineering

Office Phone: (423) 751-7008

email: mdlatsch@tva.gov

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Mitchell Latsch

Project Engineer PAF U3, BRF U1 and KIF U1-9 FGD Scrubber Projects

Chemical Engineer, Mechanical Engineering

Office Phone: (423) 751-7008

email: mdlatsch@tva.gov

Petty, Harold L.

Subject: FW: PARKING LOT
Location: PLANT MANAGER'S CONFERENCE ROOM

Start: Thu 10/27/2005 1:00 PM
End: Thu 10/27/2005 3:00 PM

Recurrence: (none)

Meeting Status: Accepted

Purpose of this meeting is to discuss the renovation of the lower parking lot as part of the FGD project. Facilities will present the options and cost estimates. A likely option being considered is the removal of the guard house and relocation of the security fencing in the area in front of the office wing so interested parties from the plant need to attend.

If there is anyone not on this distribution list that needs to attend, please forward this meeting notice to them. Tom, not sure if Advatech needs to be represented. If so, please forward to the appropriate folks.

thanks

-----Original Appointment-----

From: Long, Theresa L. **On Behalf Of** Deskins, Earl L
Sent: Wednesday, October 05, 2005 1:21 PM
To: Deskins, Earl L; Rehberg, Robert L.
Subject: PARKING LOT
When: Thursday, October 27, 2005 1:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: PLANT MANAGER'S CONFERENCE ROOM

MEETING SCHEDULED BY BOB REHBERG.

Petty, Harold L.

From: Latsch, Mitchell D.
Sent: Tuesday, October 18, 2005 2:11 PM
To: Petty, Harold L.
Subject: FW: KIF gypsum responsibility matrix.xls

Lynn,

See the string of e-mails below for comments to the KIF gyp responsibility matrix spreadsheet.

Mitch Latsch

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

From: Nuyt, Gary M.
Sent: Tuesday, October 18, 2005 1:58 PM
To: Latsch, Mitchell D.; Lee, Timothy W.
Subject: RE: KIF gypsum responsibility matrix.xls

I agree with both of your comments. Please pass on to Lynn so he can factor into the final update. Thanks.

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

From: Latsch, Mitchell D.
Sent: Tuesday, October 18, 2005 10:20 AM
To: Lee, Timothy W.; Nuyt, Gary M.
Cc: Myers, Thomas J.; Milligan, Mancil W.; Farina, George E.; Rehberg, Robert L.
Subject: RE: KIF gypsum responsibility matrix.xls

I have a comment.

The sewage/septic system - do we (TVA) require the marketer to attach to our sewage system, or will we allow them to install a septic system if they decide to proceed in that direction?

Also, I agree with Tim regarding the decant piping to the pond. Synmat's responsibility to design, install and operate.

Mitch

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

From: Lee, Timothy W.
Sent: Tuesday, October 18, 2005 9:47 AM
To: Nuyt, Gary M.; Latsch, Mitchell D.
Cc: Myers, Thomas J.; Milligan, Mancil W.; Farina, George E.; Rehberg, Robert L.
Subject: RE: KIF gypsum responsibility matrix.xls

I've got several questions / comments.

The bypass valve station will not be Locked. Not sure where that change came from.

Also is missing Synmat decant piping to wet pond disposal.

I'll look at further with Mitch today and send comments to Lynn.

Tim Lee

Project Manager

LP 2T-C; (423) 751-4483; twlee@tva.gov
Home Phone: (423) 510-0812
Emergency / Super Urgent: Cellular (423) 240-0435

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

From: Nuyt, Gary M.

Sent: Tuesday, October 18, 2005 7:42 AM

To: Myers, Thomas J.; Lee, Timothy W.; Latsch, Mitchell D.; Milligan, Mancil W.; Farina, George E.

Subject: FW: KIF gypsum responsibility matrix.xls

Any further comments on the attached? Once Bob is ok with this matrix, we will need to send to ADVATECH officially.

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

From: Petty, Harold L.

Sent: Friday, October 14, 2005 9:49 AM

To: Rehberg, Robert L.

Cc: Miller, Evelyn C.; Baugh, James S.; Nuyt, Gary M.; Myers, Thomas J.; Smith, Daniel R.; Lee, Timothy W.; Purkey, Ronald E.; Bowers, Larry C; Haber, Stanley M.; Latsch, Mitchell D.; Hughes, Michael

Subject: FW: KIF gypsum responsibility matrix.xls

Bob:

Attached is the latest draft of the KIF-gypsum responsibility matrix. I am sending you this early so you will have a chance to review it well in advance of our meeting on the 27th of October. This will be one of the items on the agenda that day.

Thanks,
Lynn

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Thanks,
Lynn

10/14/2005

TVA-00007874

DRAFT

KIF Gypsum Disposal - Responsibilities Matrix - Oct 12, 2005

Description	Engineering Design	Construction	Operate & Maintain
Gypsum Slurry Pipeline			
From Powerhouse to Bypass Valve	Advatech	Advatech	TVA-Plant
From Bypass Valve to Dewatering Facility	Gyp Marketer	Gyp Marketer	Gyp Marketer
From Bypass Valve to Gypsum Pond (Wet Sluicing)	Advatech	Advatech	TVA-Plant
By-Pass Valve	Advatech	Advatech	TVA-Plant
By-Pass Valve Controls	Advatech	Advatech	TVA(Highly Coordinated with Gyp Marketer)
Gypsum Dewatering Facility			
Gypsum Dewatering Facility	Gyp Marketer	Gyp Marketer	Gyp Marketer
Rough (initial) Grading of the Area	TVA-FES (with input from Marketer)	HED	N/A
Site Development of Gyp Dewatering Facility (Final Grading, Drainage, Roads & Parking within the Gyp Marketer area)	Gyp Marketer	Gyp Marketer	Gyp Marketer
Waste Water Pipeline from Dewatering Facility to Gypsum Pond	Gyp Marketer	Gyp Marketer	Gyp Marketer
Dry Gypsum Stockout (Pole Barn)	Gyp Marketer	Gyp Marketer	Gyp Marketer
Conveyor to Barge Loader	Gyp Marketer	Gyp Marketer	Gyp Marketer
Potable Water Supply (Note 1)	Gyp Marketer	Gyp Marketer	Gyp Marketer
Raw Water (Note 1)	Gyp Marketer	Gyp Marketer	Gyp Marketer
Power Supply to Gypsum Dewatering Facility (Note 2)	Advatech (with power requirement from Marketer)	Advatech	TVA-Plant
Marketer Transformer	Gyp Marketer	Gyp Marketer	Gyp Marketer
Sewage/Septic	Gyp Marketer	Gyp Marketer	Gyp Marketer
Access Road to Gyp Dewatering Facility	TVA(use existing as much as practicable)	HED(use existing as much as practicable)	TVA-Plant
Fence/Gate (Req'd)	Gyp Marketer	Gyp Marketer	Gyp Marketer
Transport (Hauling) from Dry Gypsum Stockout (Pole Barn) (Emergency Only)	n/a	n/a	Gyp Marketer haul to barge loader or gyp pond (emergency short term)
Security/Access/Badging of Marketer (across plant property)	KIF	KIF	KIF
Scenario 1 Gypsum Disposal Area (Expected Operation)			
Gypsum Disposal Area	TVA - FES	HED	TBD
Stormwater (Surge) Pond	TVA - FES	HED	HED/Yard Ops

Cleanout of Stormwater/SED Pond (as needed)	n/a	n/a	HED/Yard Ops
Road from Dewatering Facility to Gypsum Pond/Disposal Area	TVA - FES	HED	TBD
Pumps/Pipe from Stormwater/Sed Pond to Plant Discharge Channel	TVA - FES	HED	HED/Yard Ops
Power Feed to Pumps	Advatec (given the power load from FES)	Advatech	HED/Yard Ops
Scenario 2 Gypsum Disposal Area (Market Failure) Drying System is By-Passed or not built			
Gypsum Disposal Area	TVA - FES	HED	HED/Yard Ops
Stormwater (Surge) Pond	TVA - FES	HED	HED/Yard Ops
Cleanout of Stormwater/SED Pond (as needed)	n/a	n/a	HED/Yard Ops
Road from Dewatering Facility to Gypsum Pond/Disposal Area	TVA - FES	HED	HED/Yard Ops
Pumps/Pipe from Stormwater/Sed Pond to Plant Discharge Channel	TVA - FES	HED	HED/Yard Ops
Power Feed to Pumps	Advatec (given the power load from FES)	Advatech	HED/Yard Ops
Pipeline From Bypass Valve to Gypsum Pond (Wet Sluicing)	Advatech	Advatech	TVA
By-Pass Valve	Advatech	Advatech	TVA - Locked to divert to Disposal Facility

Note 1 - TVA & Gyp Marketer to negotiate most practical approach to providing these utilities.

Note 2 - Pending Harriman Utility Board Agreement on metering