

Monzeglio, Hope, NMENV

From: Jim Lieb [jlieb@giant.com]
Sent: Wednesday, May 23, 2007 2:11 PM
To: Monzeglio, Hope, NMENV; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD
Cc: Ed Rios; Ed Riege; Steve Morris; Loren Pritzel; William Chojnacky; Don Riley
Subject: Update on the NAPIS Repairs at Giant, Ciniza Refinery
Attachments: 42400 Trans 2.txt; 42400-105.pdf; Giant 42400schR3.pdf

Hope and Carl:

Siemens Water Technologies has prepared diagrams for approval by Giant on the stainless steel inserts for the NAPIS. Giant will return comments on the diagrams to Siemens by May 25. We anticipate the work on the first bay (the West bay) will commence in June with work to drain and clean the West bay commencing by June 25. After cleaning, the West bay will be repaired using epoxy grout to fill cracks. Next, a flexible liner will be applied to the inside of the bay. Giant has tested several linings by suspending coupons in the weir box for 2 to 3 weeks and evaluated the coupons after the period of submersion. We have selected an elastomeric polyurethane coating lining material provided by a major coatings manufacturer. The elastomeric liner material has held up very well to exposure in the refinery's waste water. The elastomeric liner will be applied to a minimum thickness of 100 mils. After the lining has cured, Siemens will commence on-site fabrication and placement of the stainless steel liner in the West bay. Work on the West bay is expected to be completed by end of August. Work on the East bay is expected to be completed by late October.

I have attached a schedule provided by Siemens.

I have attached diagrams provided by Siemens that show the leak detection system in the sumps (lowest points of the NAPIS). We will use a dipstick to check for leakage in the two bays.

We will likely be using Kleinfelder to oversee installation of the three monitoring wells at the NAPIS. I will provide you with a copy of their proposal when they have finalized it for your approval prior to starting work. We are shooting for placement of the wells later this month or early in June.

I apologize for not getting this update to you earlier but a heavy schedule and recent developments seemed to make submittal at this time appropriate.

If you have questions or need more information please contact me. I will be out of the office Thursday attending a greenhouse gas emissions inventory meeting in Santa Fe. Monday is a holiday.

Regards,

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5/23/2007

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API UPGRADE
GALLUP, NM
SIEMENS PROJECT S00062 (42400)**

