

Feedstock Sub-Committee – September 27th, 2019 Meeting

Attendees

Mark Davis – Dow
Tom Pickett – Technip
Robert Alvers – LyondellBasell
Dave Smith – Nalco Ecolab
Dave Hood – Suez
Andre Bernard – Nova
Ali Abbaspour – Honeywell
Sherri Elder –
Joe Lally – Evonik

Review Proposed Agenda

1. Anti-trust statement

“No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information or be used for the purpose of bringing about or attempting to bring about any understanding or agreement written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, or pricing methods, terms or conditions of sale, distribution, production quotas or other limitations on either the timing or volume of production or sales, or allocation of territories or customers.”

2. Review last meeting minutes

3. Main Committee Updates (Tom)

Nothing new, main committee hasn't met since our last minute

Key Dates:

- Next EPC March 29th to April 2nd, 2020 in Houston
- Call for abstract close November 22nd, 2019
- Paper accepted or rejected December 13th, 2019

4. Discuss Paper Ideas

Paper on Radon presence in some unusual location (Jennifer – CP Chem). Joe will follow up with Jennifer on the status of the paper.

Follow up paper on Debutanizer bottom recycle based on practical experience. Tom Scott at KBR showed interest to put a paper together. He needs to check with Michael Tallman before he can commit. Andre will follow up progress with Tom Scott.

Membrane technology for removing impurities in C2 streams (Membrane Technology & Research – MTR). Still in the works no promises yet. Joe has a contact and will follow up

Thiophene contaminant in Pygas. Joe talked with Dave Slim & Dwight Hines and they feel they can do a paper on Thiophene and Carbon disulfide. Paper will be geared towards education. A good fit for younger audience with the conference being in Houston.

Phosphorus in feedstock. Phosphorus a problem in plastic recycle. Consideration to a general paper on plastic recycle to cracking feed/ with emphasis on contaminants (chlorides & phosphorus). Dave Slim showed interested in doing a paper on chlorides and phosphorus. However, Shell withdraw from co-authoring the paper, which will make this a Nalco only paper. Dave needs to check for permission to publish and should know by next meeting.

NOVA R&D sulfur removal paper. NOVA indicated that they are awaiting further results in their work. The timing will not fit the EPC 2020 approval schedule. Suggest putting the paper on hold for the 2021 EPC.

There is interest in discussing contaminants such as glycol, drag reducer and other contaminants potentially found in ethane pipelines. Tom reach an individual who showed interest in doing a paper. Permission to publish/ approval from his organization (Enterprise) needs to be checked. The paper is considered a maybe at this time. Tom will follow up with the contact at Enterprise and try to get a yes or no answer.

Dave Smith reported on a presentation by Dow at the Wood Mackenzie Americas Olefins Conference related to on-purpose propylene technology using a catalyze fluidized bed reactor. The effluent of the reactor would be combined with the furnace effluent of a conventional cracker and feed the recovery section. Dave suggested that a paper on potential contaminants from that new technology might be of interest. Mark Davis will ask if Dow might be interested in presenting something related to this technology with focus on potential contaminants.

5. Next Meeting

Next meeting Thursday October 17th.