

Feedstock Sub-Committee – August 29th, 2019 Meeting

1. Review Proposed Agenda

2. 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.”

3. Review last meeting minutes

4. Main Committee Updates (Tom)

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

5. Discuss Paper Ideas

Paper on Radon presence in some unusual location (Jennifer – CP Chem). Tom indicated that the Safety Sub-Committee is currently considering a paper on radon. The paper may however not conflict with our session if the content and authors are different. This should be check with the Safety Sub-Committee as we get more detail on the paper.

It is suggested to add radon and NORM in the contaminant database.

Follow up paper on Debutanizer bottom recycle based on practical experience. Andre to reach Tom Scott at KBR.

Membrane technology for removing impurities in C2 streams (Membrane Technology & Research – MTR). Joe looking for a contact.

Thiophene contaminant in Pygas. Thiophene is a contaminant in benzene. GTC/ Kubota are licenser in benzene extraction and may have some relevant

information. Thiophene origin comes from the feedstock and DMDS injection. Art will look at it.

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). Art had discussion with NALCO (Dave Smith) who showed interest in co-authoring a paper with Shell on that topic.

Furnace with SCR (selective catalytic reduction for reducing NO_x), impact of contaminants on catalyst. This idea will drop off our list due to interest by the Environmental Sub-Committee in the topic.

NOVA R&D express interest in presenting a paper on sulfur removal. Andre will follow up.

There is interest in discussing contaminants such as glycol, drag reducer and other contaminants potentially found in ethane pipelines. Gas processing plants may have some information to share. Art will email come contacts to Tom. Joe will check with some gas producer.

6. Next Meeting

Next meeting Thursday September 19th.