Hi all,

Our next meeting on particle control will be on Monday, February 13 from 3-4:30PM EST

Agenda:

- Completing cryo analysis for the PAC meeting

- Discussion of heat flux and density SOL widths

- Projecting Li coating pumping persistence for the FY12 milestone

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http://nstx.pppl.gov/DragNDrop/Five\_Year\_Plans/2014\_2018/design\_studies/cryopumps/technical\_files/geqdsk/

Mike J: Along the lines of the SOL widths that you mention in your slides,

I was going to show probe data that indicates the particle exhaust onto

the divertor floor doesn't scale identically with heat flux.

Jon M: The next meeting will focus on what John Canik will need and do to

"finish" whatever cryo analysis we will want for the PAC meeting.

I've attached a file showing the plasma shapes and scans we (i.e. he)

might do to calculate pressure at the pump so we can get a broad

sense of which shapes and scenarios are pump-able. From what he's

done so far, I guess this boils down to calculating the heat flux at

the pump entrance, which maybe someone else can do if he is unavailable.

(Feel free to e-comment on all this before John gets too far along)

We will also discuss what is needed to make progress on analyzing

and projecting the lithium coating pumping persistence for the FY12

particle control milestone.

Jon