

NFRI staff visit at PPPL: Discussion / consultation on a new switching power amplifier (SPA) and electric interfaces for the KSTAR tokamak

April 22nd - 23rd, 2014, PPPL

AGENDA

Tuesday, April 22nd (Room B318)

09:00 NFRI guest arrival at PPPL

09:15 - 09:30: Introduction (S.A. Sabbagh)

09:30 - 11:30: Presentations and Discussion 1

- KSTAR progress and plan of operation & upgrade (Y.K. Oh)
- KSTAR IVCC coil and power supply issues (H.S. Ahn)
- NSTX RWM control and SPA system overview (R. Ramakrishnan)
- Discussion

12:00 - 13:30: Lunch

13:30 - 15:30: Presentations and Discussion 2

- NSTX SPA system operation / control experience (R. Ramakrishnan)
(incl. experience in tokamak grounding, noise rejection)
- NSTX experience in motor generator operation (R. Ramakrishnan)
- Discussion

15:30 ~ 17:30: Facility tour

- NSTX-U facility, SPA and power systems tour

18:30: Dinner

Wednesday, April 23rd (Director's Conference Room)

09:00 NFRI guest arrival at PPPL

09:30 - 11:30: Technical discussion on SPA and electric interfaces

12:00 - 13:30: Lunch

13:30 - 15:30: Additional SPA and power system tour (if desired)

15:30 - 17:30: Discussion - KSTAR SPA procurement/collaboration (Y.K. Oh)

17:30 - 18:00: Farewell and adjourn