NSO PAC 2 Meeting Agenda-Draft 1/8/01
MIT PlasmaFusion Center
Building NW17, Room 218
175 Albany Street

Wednesday, January 17, 2001

8:30 am  Welcome and Logistics (Porkolab/Marmar)
8:45 am  Introduction and Review of the Agenda (Taylor/ C. Baker call in)
          Structure and Nature of the Report (Taylor)
          Discussion of PAC-1 Charge (Taylor)
          What is the scientific value of a burning-plasma physics experiment?
          What is the scientific readiness to proceed with such an experiment?
          Is the Fire Mission Scientifically Appropriate?
          Is the Initial Fire Design Point Optimal?

9:15 am  Discussion of the UFA workshop (Navratil)
10:00 am Discussion of FESAC Burning Plasma Charge and Plan (Freidberg)
10:15 am  Break
10:30 am Previous NSO-PAC Report (Taylor)

11:00 am  Response of Project to NSO-PAC-1 Findings and Recommendations (Meade et al)
          The intent is to complete response to charges 1 & 2 – scientific value &
          readiness to proceed.
          Mission articulation, Derivation of Device from Mission
12:00 pm  Lunch (at PSFC)

1:00 pm  Performance projections using latest data base and ITER-98(y,2)
          Density range and impact
          Dimensionless parameter range/comparison with other BPs
1:45 pm  Optimizing Design Point (Thome/Schultz/Titus)
2:15 pm  AT Modes, Requirements, implementation strategy (Jardin/Kessel)
2:45 pm  Diagnostics Capabilities and Issues for FIRE (K. Young)
          FIRE R&D requirements.
          Operation issues- low rep rate (deferred)
          Role of modeling/simulations in design and operation - (deferred)

3:15 pm  Break
3:30 pm  Discussion (Baker call in?)

5:00 pm  PAC Executive Session

6:00 pm  Adjourn
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8:30 am  Fire Mission discussion (2 hr)
       Flexibility, diagnostics, Performance margin vs Flexibility

10:15 am  Break

10:30 am  Closed Discussion Session

12:00 pm  Lunch at PSFC)

1:00 pm  Prepare draft of PAC Report

4:00 pm  Feedback session

5:00 pm  Adjourn