

## IAA Study Group S 3.2

**Title of Study:**

**Space Nuclear Propulsion and Power**

**Proposer(s): M. Pouliquen, PA. Hansson, C. Bruno**

**Primary IAA Commission Preference: 3**

*(From Commission 1 to Commission 6)*

**Secondary IAA Commission Interests:**

*(From Commission 1 to Commission 6)*

**Members of Study Team**

**Chairs:** PA. Hansson, C. Bruno, M. Pouliquen

**Secretary:** M. Pouliquen

**Other Members:** Harry ADIRIM, Dana G. ANDREWS, Stephen CASS, Bill CHRISTOFF, Paul A. CZYSZ, Oleg A. GORSHKOV, Michael G. HOUTS, Christian LARDIER, Ying-Ming LEE, Roger X LENARD, Diana MANN, Salvo MARCUCCIO, Pascal PEMPIE, Garri A. POPOV, Andrew L. PRESBY, Vladimir Prisniakov, Christopher P. RAHAIM, Georgio SACCOCCIA, Nobuhiro TANATSUGU, Nikolai V. TOLYARENKO

**Short Description of Scope of Study**

**Overall Goal:** Prepare an IAA Position Paper about using Nuclear Propulsion and Power for Civil Space Applications. This position paper should be endorsed by other organizations IAF and COSPAR.

**Intermediate Goals:** Identification of the issues, collect the most updated information about the projects, the missions, the risks, the safety, the costs, the international Laws, the international involvement.

**Methodology:** Identification of the world recognized specialists on the subject – Meetings and workshops – draft of the position paper submitted to main organizations for comments- Approval of IAA & endorsement of other organizations. Presentation & publication during an International Astronautical Congress.

**Time Line: Initial timeline was to fix the draft during the IAC/Bremen congress but lack of availability of key people need now to wait IAC 2004**

**Final Product (Report, Publication, etc.): Position Paper and Presentation Charts**

**Target Community: Space Agencies, Space Policy Organizations, Industry,...at a World level.**

**Support Needed:** Specific Section (members only) in the IAA Website (existing)  
Reservation of Rooms for meetings during IAC congress.

**Potential Sponsors:** Space Agencies (ESA, NASA, CNES,...), Labs (ONERA,...), Industry (The Aerospace Corp., Snecma, ...)

*To be returned to IAA Secretariat Paris fax: 33 1 47 23 82 16 email: [sgeneral@iaaet.org](mailto:sgeneral@iaaet.org)*

**Date: 11 Sept 2003**

**Signature:  
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