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**Committee on the Peaceful
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Preliminary draft of flow charts for potential implementation options for establishing an international technically based framework of goals and recommendations for the safety of planned and currently foreseeable nuclear power source applications in outer space

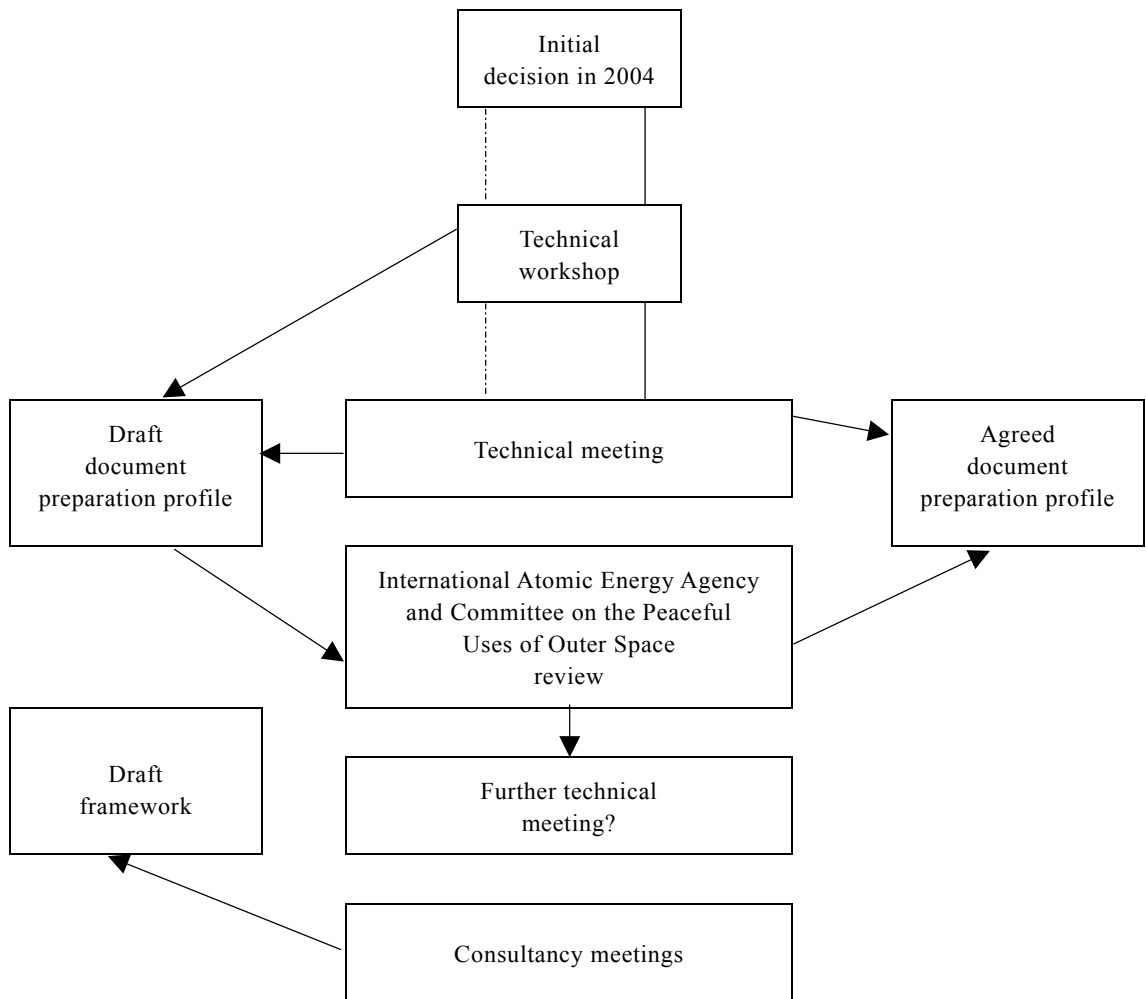
**Working paper submitted by the Working Group on the Use of
Nuclear Power Sources in Outer Space**

Introduction

1. The following diagrams were developed to support the discussions of the Working Group on the Use of Nuclear Power Sources in Outer Space on the potential options for establishing an international technically based framework of goals and recommendations for the safety of planned and currently foreseeable nuclear power source applications in outer space that took place during the forty-first session of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, held in Vienna from 16 to 27 February 2004 (A/AC.105/C.1/L.271/Rev.1).
2. The present document is being issued in order to assist the Working Group in preparing for its informal meeting, to be held from 7 to 8 June 2004 (and from 9 to 11 June 2004, if necessary), during the forty-seventh session of the Committee on the Peaceful Uses of Outer Space.



Option 1. Initiate joint programme of work with the International Atomic Energy Agency



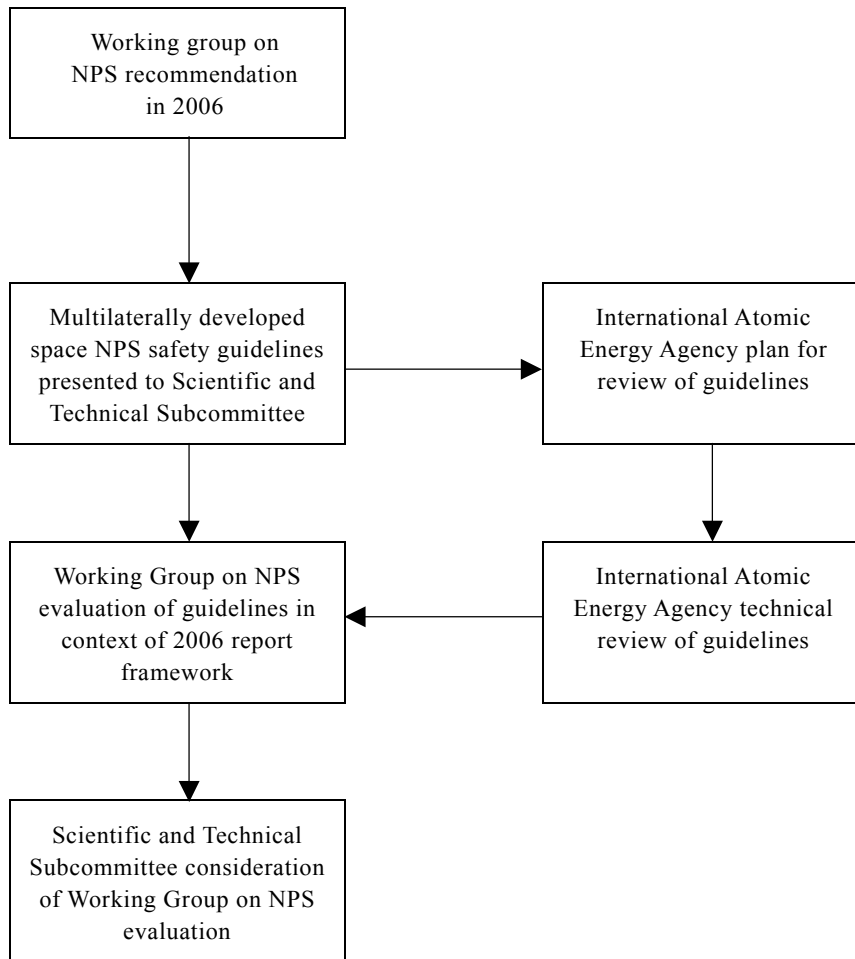
Option 2 is to be developed by the Working Group.

Option 3A. International Atomic Energy Agency technical review provided as an input to the Working Group on the Use of Nuclear Power Sources in Outer Space

Includes:

International Atomic Energy Agency agreement to provide technical review comments to the Working Group on Nuclear Power Sources (NPS).

Specification of objectives, scope and attributes for space NPS safety framework.

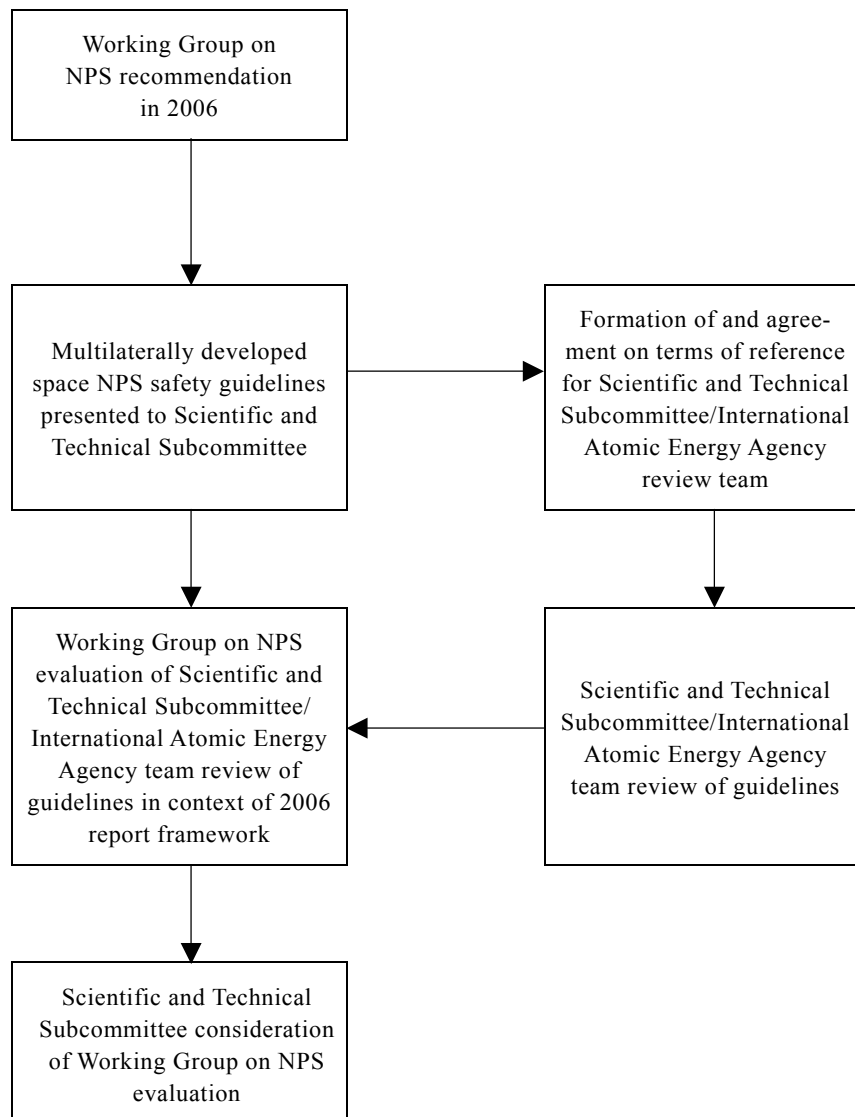


Option 3B. Joint Scientific and Technical Subcommittee/International Atomic Energy Agency review

Includes:

International Atomic Energy Agency agreement to participate in joint Scientific and Technical Subcommittee/International Atomic Energy Agency review team.

Specification of objectives, scope and attributes for space NPS safety framework.



Option 3C. International Atomic Energy Agency technical expert participation in multilateral group

Includes:

International Atomic Energy Agency statement of its ability to participate in multilateral group guideline development effort.

Specification of objectives, scope and attributes for space NPS safety framework.

