### FOR PARTICIPANTS ONLY

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE Scientific and Technical Subcommittee Forty-third session Vienna, 20 February - 3 March 2006 Agenda item 9 Use of Nuclear Power Sources in Outer Space

# JOINT UNITED NATIONS/INTERNATIONAL ATOMIC ENERGY AGENCY TECHNICAL WORKSHOP ON THE OBJECTIVES, SCOPE AND GENERAL ATTRIBUTES OF A POTENTIAL TECHNICAL SAFETY STANDARD FOR NUCLEAR POWER SOURCES IN OUTER SPACE (VIENNA, 20-22 FEBRUARY 2006)

### Session 3. PRESENTATIONS PERTINENT TO OBJECTIVE I.A.

# Presentation submitted on "An Overview of the IAEA's Essential Elements of a Safety Framework"

### Note by the Secretariat

1. In accordance with paragraph 16 of General Assembly resolution 60/99 of 8 December 2005, the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space will organize, jointly with the International Atomic Energy Agency, a technical workshop on the objectives, scope and general attributes of a potential technical safety standard for nuclear power sources in outer space, to be held in Vienna from 20 to 22 February 2006.

2. The presentation contained in the present conference room paper was prepared for the joint technical workshop in accordance with the indicative schedule of work for the workshop, as agreed by the Working Group on the Use of Nuclear Power Sources in Outer Space during the intersessional meeting held in Vienna from 13 to 15 June 2005 (A/AC.105/L.260).

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# International Atomic Energy Agency

# AN OVERVIEW OF THE IAEA'S ESSENTIAL ELEMENTS OF A SAFETY FRAMEWORK

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COPUOS / IAEA JOINT TECHNICAL WORKSHOP SAFETY FRAMEWORK FOR NUCLEAR POWER SOURCE APPLICATIONS IN OUTER SPACE 20 to 22 FEBRUARY 2006

























ESSENTIAL ELEMENTS OF SAFETY FRAMEWORK
<ul> <li>Management systems that integrates all aspects of managing a facility or activity so that the requirements for safety, quality, health, security and the environment, are established and implemented in a coherent manner</li> <li>Safety assessment demonstrate that the design and operator actions, if called on to maintain safety, are sufficiently robust to fulfil the safety functions required for safety.</li> </ul>
COPUOSIAEA Joint Technical Workshop on a Safety Framework for NPS in Space 20-22 February 2006







