#### 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 on "Reactor Design Considerations for safe Launch and Operations"

#### 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).

V.06-51233 (E)

# **Reactor Design Considerations for Safe Launch and Operations**

February 2006

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U.S. Department of Energy





















