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**Committee on the Peaceful
Uses of Outer Space
Scientific and Technical Subcommittee
Sixty-second session
Vienna, 3–14 February 2025**

Draft report

Annex III

Report of the Working Group on the Use of Nuclear Power Sources in Outer Space

1. In accordance with paragraph 13 of General Assembly resolution [79/87](#), the Scientific and Technical Subcommittee, at its 1015th meeting, on 3 February 2025, reconvened its Working Group on the Use of Nuclear Power Sources in Outer Space, with Leopold Summerer (Austria) as Chair.
2. The Working Group recalled the three main objectives under its five-year workplan, as contained in the report of the Subcommittee at its sixtieth session ([A/AC.105/1279](#), annex III, paras. 8 and 9) and endorsed by the Committee at its sixty-sixth session ([A/78/20](#), para. 150). The Working Group also recalled that to implement its five-year workplan, it had agreed on a yearly plan for the period 2024–2028, as endorsed by the Subcommittee at its sixty-first session ([A/AC.105/1307](#), annex III, para. 6).
3. The Working Group had before it the documents listed in paragraph [...] of the present report of the Subcommittee.
4. The Working Group met both in informal and formal meetings during the sixty-second session of the Subcommittee to discuss the documents before it as referred to in paragraph 3 above and to advance its work under the three core objectives, as referred to in paragraph 2 above.
5. The Working Group noted with satisfaction the increasing number of States participating in its discussions, including States with plans and activities related to nuclear power source (NPS) applications in outer space, and encouraged additional States to join the work of the Working Group.
6. The Working Group exchanged and discussed information relevant to the use of NPS applications in outer space under the objectives of its workplan that had been provided by Canada, Germany, the United Kingdom, the United States of America, the European Space Agency and the International Atomic Energy Agency (IAEA).
7. The Working Group recalled that in 2024 it had held two intersessional meetings, on 20 and 21 June and on 14 November 2024, to discuss the draft



questionnaire containing a preliminary set of questions to be used to collect information relating to the objectives of the workplan of the Working Group, as contained in document [A/AC.105/C.1/L.421](#).

8. At its 2nd meeting, on 7 February, the Working Group agreed on the questionnaire, as contained in the appendix to the present report of the Working Group, containing a set of questions to collect information relating to the objectives of the workplan of the Working Group.

9. The Working Group noted that the questionnaire was one of the methods for collecting information under the objectives of the workplan and a way to invite more member States and international intergovernmental organizations to join the Working Group and share their views, plans and experiences. The responses to the questionnaire would be used in an anonymized and aggregated form to assist the Working Group in advancing its work for the period 2024–2028.

10. The Working Group recalled that another possible method of collecting information under the objectives of its workplan, in particular under objective 2, to collect information about potential future uses of NPS in outer space, was to hold a dedicated workshop with IAEA. In that regard, the Working Group appreciated the active participation of IAEA in its discussions and noted that a joint workshop with IAEA could be held in 2026, possibly in conjunction with the sixty-ninth session of the Committee, and that the intersessional meetings of the Working Group in 2025 could be used to further discuss the organization of such a joint workshop together with IAEA.

11. The Working Group agreed to hold an intersessional meeting, facilitated by the secretariat, on the margins of the sixty-eighth session of the Committee in 2025, preferably during the second week of the session, to further discuss the modalities of a joint workshop with IAEA, and further intersessional meetings as necessary.

12. The Working Group noted the complementary nature of its work and technical expertise in the area of NPS applications in outer space with the work of the newly established Action Team on Lunar Activities Consultation and agreed on future cross-collaboration and the exchange of information with the Action Team on matters pertaining to the use of NPS applications in outer space that were related to lunar activities.

13. The Working Group agreed to request the secretariat to invite States members of the Committee and international intergovernmental organizations to make technical presentations pursuant to objectives 1 and/or 2 of the workplan at the next session of the Subcommittee, and to provide responses to the questionnaire, as contained in the appendix to the present report, and noted that an online form of the questionnaire had been made available on the dedicated web page of the Working Group.

14. The Working Group also agreed to request the secretariat to facilitate the discussion and preparation of the joint workshop together with IAEA, which would be discussed during the intersessional meetings in 2025.

15. The Working Group agreed that the secretariat should, under the guidance of the Chair of the Working Group, update the content of the website of the Office for Outer Space Affairs dedicated to the work of the Working Group (www.unoosa.org/oosa/en/COPUOS/stsc/wgnps/index.html).

16. At its 5th meeting, on 12 February, the Working Group adopted the present report.

Appendix

Questionnaire containing a set of questions to be used to collect information relating to the objectives of the workplan of the Working Group on the Use of Nuclear Power Sources in Outer Space

[see separate document A/AC.105/C.1/NPS/2025/L.1/Add.1]
