

TITLE OF THE PAPER (ARIAL 14, BOLD, UPPERCASE, CENTERED)

First A. Lastname^{1*}, First B. Lastname¹, First C. Lastname²

¹ Institution, Department, City, Country

² Institution, Department, City, Country

*Corresponding author: email@institution.org

ABSTRACT

Provide here an abstract of no more than 250 words, in a single paragraph, containing: brief context, objective, methodology, main results, and conclusion. Do not include citations, figures, tables, or equations. Arial 10, single line spacing, justified text.

Keywords: keyword 1; keyword 2; keyword 3 (minimum 3, maximum 5, separated by semicolons).

1. INTRODUCTION

Provide the context of the topic, its relevance to the nuclear sector (technology, innovation, safety, applications, regulation), the knowledge gap addressed, and the objective of the study. Citations must follow the numeric format in square brackets, e.g., [1] or [2, 3], numbered in order of appearance in the text.

2. METHODOLOGY

Briefly describe the materials, methods, computational codes, technical standards, and/or experimental procedures used, with sufficient detail to allow understanding and reproducibility of the study.

Equations must be created with the equation editor, centered, numbered sequentially in parentheses aligned to the right margin, and cited in the text as Eq. (1); define all symbols after their first occurrence.

$$A(t) = A_0 \cdot e^{-\lambda t} \quad (1)$$

where $A(t)$ is the activity at time t , A_0 is the initial activity, and λ is the decay constant.

3. RESULTS AND DISCUSSION

Present the main results obtained (partial or final) and discuss them in light of the literature. Figures and tables are allowed within the 2-page limit, numbered sequentially in independent series, cited in the text — e.g., "as shown in Figure 1" or "(Table 1)" — and placed close to their first citation, as modeled below.

Table 1 – Table title in Arial 9, bold, centered, placed above the table.

Parameter	Unit	Value
Initial activity, A_0	MBq	100.0
Decay constant, λ	h^{-1}	0.25

Source: The authors (2026).

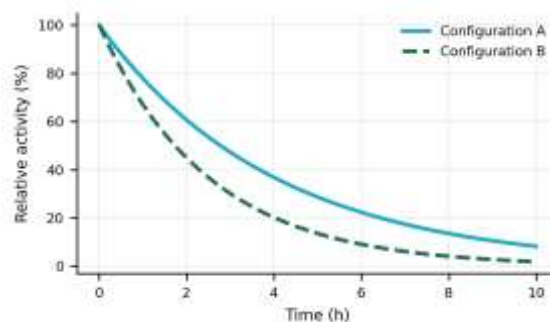


Figure 1 – Figure caption in Arial 9, bold, centered, placed below the figure.

Source: The authors (2026).

Figures must be inserted in JPG, PNG, or TIFF format, with a minimum resolution of 300 dpi, legible in black-and-white printing, with maximum width equal to the text area. The source must be indicated below each figure and table, even when produced by the authors. Illegible or low-resolution elements may result in the paper being returned for correction.

4. CONCLUSIONS

Highlight the main conclusions of the work, its contribution to the nuclear sector and, if applicable, prospects for future work.

ACKNOWLEDGMENTS

Optional. Mention funding agencies (with grant numbers), institutions, and collaborators.

REFERENCES

List only the references cited in the text, numbered in order of appearance, in Arial 9, justified alignment.

Examples:

[1] LASTNAME, N. Title of the article. Journal Name, v. 00, n. 0, p. 00-00, 2026.

[2] INTERNATIONAL ATOMIC ENERGY AGENCY. Title of the publication. Vienna: IAEA, 2025.

[3] LASTNAME, N.; LASTNAME, M. Title of the paper. In: NAME OF THE CONFERENCE, 0., 2026, City. Proceedings [...]. City: Publisher, 2026. p. 00-00.

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- The paper must be written in English.
- Maximum length: 2 (two) pages, including equations, figures, tables, and references.
- A4 paper; margins: 2.5 cm (top and bottom) and 2.0 cm (left and right).
- Arial font: title 14 (bold); authors 11; body text 10; captions and references 9.
- Line spacing: single (or 1.15); justified text.
- Equations created with the equation editor, numbered sequentially and cited as Eq. (1).
- Replace all italic gray guidance text with your own content, keeping the formatting.
- Submit the file in PDF format, named: LASTNAME_PaperTopic.pdf.
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