Appendix A

Questionnaire

1. Project Type

- Final Degree Project (FDP)
- Final Master's Project (FMP)

If you know the title of your FDP/FMP, please write it here:

Degree (Bachelor's and/or Master's) and University:

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2. Nationality

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3. Age

A. 20–24 years
B. 25–30 years
C. 30–40 years
D. 40–45 years
E. Over 45 years

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4. While carrying out your FDP/FMP, are you also working outside the university?

A. Full-time internship in a company
B. Part-time internship in a company
C. Full-time employment (permanent or temporary)
D. Part-time employment (permanent or temporary)
E. Other

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5. In which area of Nuclear Engineering would you classify the topic of your FDP/FMP?

A. Energy
B. Industry
C. Medical Applications
D. Environmental Applications
E. Other

6. To what extent are you familiar with the SDGs?

A. Very much
B. Considerably
C. Moderately
D. Little
E. Not at all

7. Which organization is primarily responsible for promoting the achievement of the SDGs?

A. WHO (World Health Organization)
B. UN (United Nations)
C. IAEA (International Atomic Energy Agency)
D. FAO (Food and Agriculture Organization of the United Nations)
E. Other

8. In what year was the 2030 Agenda for Sustainable Development adopted?

A. 2020
B. 2015
C. 2000
D. 2010
E. Other

9. Which SDGs do you consider most closely related to your FDP/FMP?

- SDG 3: Good Health and Well-Being
- SDG 4: Quality Education
- SDG 7: Affordable and Clean Energy
- SDG 9: Industry, Innovation and Infrastructure
- SDG 13: Climate Action

10. Do you think it is necessary to learn more about the SDGs and receive training on them?

A. Yes, very much
B. Yes, somewhat
C. I do not mind
D. Not really
E. Not at all

11. Are you aware that, even unintentionally, you may be contributing to the achievement of one or more SDGs?

A. Yes, very much
B. Yes, somewhat
C. I do not mind
D. Not really
E. Not at all

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12. Through which activities do you think your FDP/FMP could contribute to advancing the SDGs?

A. Design of new equipment
B. Applied research using simulations
C. Development of protocols
D. Experimental research
E. Other

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13. Does your FDP/FMP contribute to the design, development, and implementation of solutions that address societal needs while considering the Sustainable Development Goals as a reference framework?

(To assess the transversal competency: Social and Environmental Commitment)

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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14. During the development of your FDP/FMP, have you identified new challenges, projects, or opportunities for improvement aligned with future trends and advances?

(To assess the transversal competency: Innovation and Creativity)

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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15. Does your project propose creative solutions to address real societal needs and problems?

(To assess the transversal competency: Innovation and Creativity)

A. Yes, very much
B. Yes, somewhat
C. No

D. I do not know
E. Other

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16. Do you proactively contribute to the development of the project by setting goals and achieving objectives?

(To assess the transversal competency: Teamwork and Leadership)

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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17. Do you contribute to solving challenges or project-related problems by demonstrating empathy and assertiveness when sharing ideas, reflections, and arguments within collaborative work?

(To assess the transversal competency: Teamwork and Leadership)

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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18. Do you learn autonomously, make informed decisions in different contexts, formulate judgments based on experimentation and analysis, and transfer knowledge to new situations?

(To assess the transversal competency: Responsibility and Decision-Making)

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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19. Have you acquired learning skills during your studies that allow you to work in a largely self-directed or autonomous manner?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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20. Are you able to apply the knowledge acquired during your education and solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to your FDP/FMP?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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21. Does your FDP/FMP involve the fundamentals of nuclear energy from the perspective of Nuclear Safety and Radiation Protection?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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22. Does your FDP/FMP require knowledge and application of regulations relevant to Nuclear Engineering?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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23. Does your FDP/FMP require the analysis and use of Radiation Protection equipment and techniques?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

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24. Does your FDP/FMP require the analysis and application of verification and control processes for nuclear and radioactive facilities?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

25. Does your FDP/FMP require the analysis of reactor and nuclear power plant designs from the perspective of Nuclear Safety and Radiation Protection?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

26. Does your FDP/FMP require the analysis of the nuclear power plant life cycle, including operation, decommissioning, radioactive waste management, and radiological impacts on people and the environment?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

27. Does your FDP/FMP require the efficient use and application of thermal-hydraulic codes and radiation transport codes for electromagnetic radiation, charged particles, and neutrons, as well as interpretation of their results?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

28. Does your FDP/FMP require the analysis of natural and environmental radiation from a Radiation Protection perspective?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

29. Does your FDP/FMP require the analysis of the uses and applications of ionizing radiation?

A. Yes, very much
B. Yes, somewhat
C. No

D. I do not know
E. Other

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30. Does your FDP/FMP require knowledge of the scientific and technological aspects related to mathematical, analytical, and numerical methods applied in Nuclear Engineering?

A. Yes, very much
B. Yes, somewhat
C. No
D. I do not know
E. Other

Additional Comments / Suggestions