

Reviewer 1:

Thank you for your accurate and thoughtful revision of my paper and for the relevant feedback, which I have found very helpful. I have dedicated time to further develop this research and hope to have addressed all of your points in the revised version. More in detail:

-Chapter 1

Thank you for your relevant suggestions. I have now clearly stated the intended contribution of this research in the introduction. I have also added a paragraph on the temporal aspects of nuclear waste management at the beginning of this chapter.

-Chapter 2 (now chapter 3)

I have moved the former Chapter 2 as advised, and added some references to my text regarding the history of nuclear waste management in Italy. I have also changed the title of this section as suggested.

-Chapter 3.1 and 3.2 (now 2.2 and 2.3)

I have clarified my definition of “scientific rituals” in the chapter, following the important suggestions, and added new STS references, including Collins and Latour. I have also made explicit how I intend artistic practices as a ritual.

I have addressed your point concerning questions regarding reflection in relation to ritual in research/science, and art. I hope I understood this comment correctly.

The artwork description has been moved to Chapter 4.

I have now added a reference to the Key Information File as suggested.

-Chapter 3.3 (now 2.4)

I find your comment on my sentence relevant, and the statement mentioned has been removed. I have now argued my point differently.

-Chapter 4 and conclusion

I have included references to the pre-history of the sun worship as suggested and added a footnote referencing the temporalities involved in the artwork itself.

I have moved the paragraph discussing Saint Francis to the conclusion, and deepened the reflection on the relationship between the poem and the artwork in that section. This includes a discussion of the relevance of his position in relation to radioactive waste production. I have included the interesting reference to Doyle (1974) in a footnote.

-The structure has been reorganized, and the references have been checked.

In the revised version of the paper, all additions are written in pink. To ensure reading clarity, the parts I have moved or rewritten have been completely eliminated.

Reviewer 2:

Thank you for your very relevant and helpful comments and insights on my paper; I have addressed them carefully. Specifically, following your comments:

-Originality and contribution

The manuscript's disciplinary position is now clearly articulated in the introduction.

-Structure and clarity

I have refined the structure: after being introduced, the description of the artwork *Canticle of the Nuclear Sun* is now in Chapter 4.

Thank you for your suggestion regarding the title. The section formerly called "Research Context" is now "Context for the development of the artwork". This is currently the title for the whole chapter. The first subsection is now "Nuclear politics and cultural landscape in Sardinia", and it includes references to key Italian nuclear scholarship as suggested.

-Theoretical rigor

I have expanded the literature review for the notion of "scientific rituals", including references to Randall Collins's *Interaction Ritual Chains* and Bruno Latour's *actor-network theory*. I have added a paragraph that highlights the difference between science as an epistemic method and science as an institutional ritual, as suggested. I have now included a paragraph that references art-making as a form of ritual.

-Suggestions for improvement

The primary disciplinary contribution and intended readership are now clearly stated at the beginning of the introduction.

The structure has been refined.

The discussion on scientific rituals has been deepened, with the suggested literature included.

The interpretation of the artwork in a dialogue with Saint Francis's poem is now addressed in the conclusion.

The assertion that "art does not aim to provide solutions to societal matters" (line 348), has been eliminated and rewritten.

In the revised version of the paper, all additions are written in pink. To ensure reading clarity, the parts I have moved or rewritten have been completely eliminated.