Review of the Project Group:
Group Code: EPR41
Full title: General Features and Principles of EPR Nuclear Reactor Operation: A Design and Calculation Study

Intended learning outcome (ILO)	Grade (0-3)	The explanation for the grading of the evidence of achieving respective ILO. Suggestions for improvements and other comments
1. *Collect information on* the General design specification of the nuclear power plant with selected reactor type (Task 1, ILO1, ILO2)	**3**	*General reactor core description: covered in the report. Reactor vessel: covered in the report. Primary/secondary loop: covered in the report. Balance of plant: covered in the report. Most corrections were stylistic errors.
2. *Describe* the Operational principles of the power plant. (Task 2, ILO1, ILO2)	**3**	How is the reactor run during start-up, normal, and shutdown? Both base and load-following scenarios: Everything is covered in the report.
3. *Explain* the Safety features of the power plant. (Task 3, ILO1, ILO2)	**2**	General principles of reactor safety + key parameters: It'd be nice to see the core meltdown frequency and large release frequency from the PRA, if available, along with the required values by law.
4. *Calculate* Selected core parameters (Task 4, ILO3)	**2**	The results presentation needs to be improved, and some context is given. There is a lack of discussion about the main/key factors in each result and if their behavior is what we expect to see.
5. *Calculate* CHF margins in a hot channel (Task 5, ILO4a)	**2**	Again, the results are shown, but there is no discussion/commentary about them. It is difficult to conclude whether the learning outcome was fulfilled or not.
6. *Calculate* Maximum cladding and fuel pellet temperature (Task 6, ILO4b)	**1**	Like Tasks 4 and 5. Additionally, there is no information about the thermal conductivity nor a graph showing the temperature change across the fuel pellet.

*The report itself was commented on to suggest improvements and corrections.